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ACADEMY OF HEALTH SCIENCES (ARMY) FORT SAM HOUSTON TX--ETC F/G 6/5
EVALUATION OF CURRENTLY USED DENTAL MANAGEMENT INDICATORS AND D--ETC(U)
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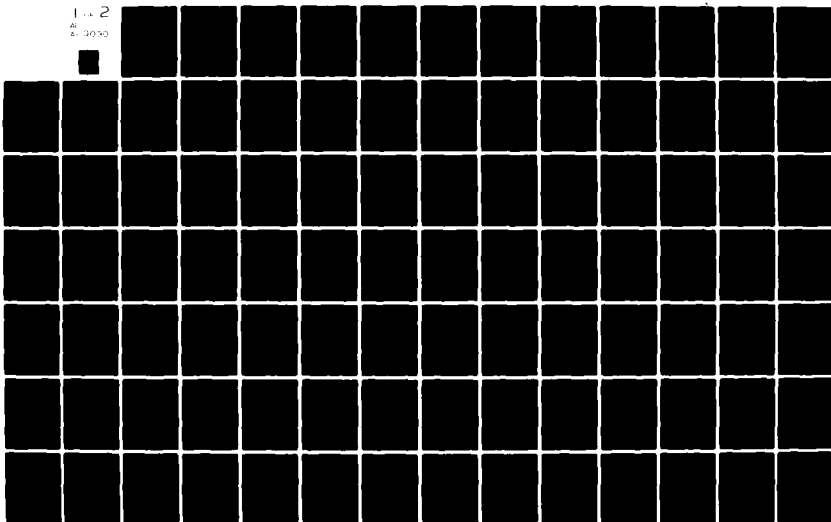
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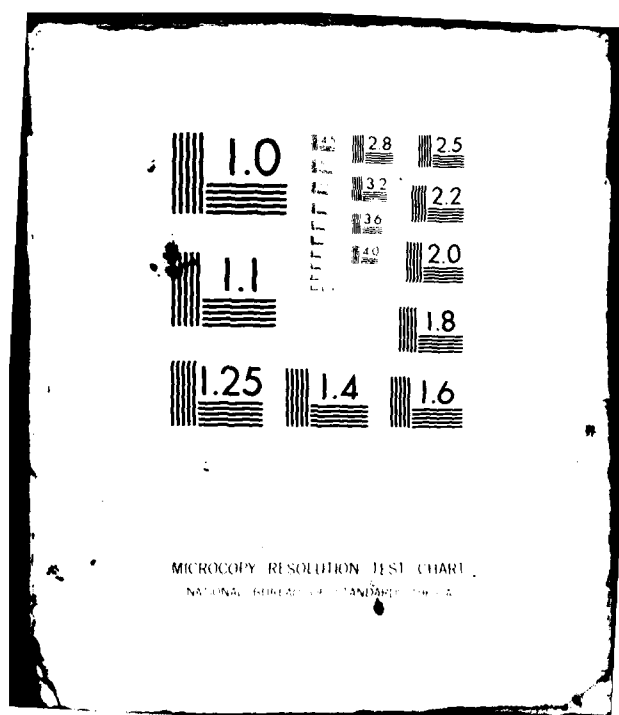
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Evaluation of Currently Used Dental Management Indicators and
Development of New Management and Performance Indicators

by

Warren A. Parker, COL, DC
A. David Mangelsdorff, Ph.D.
David G. Brunner, COL, DC

Dental Studies Office
Academy of Health Sciences, US Army
Fort Sam Houston, TX 78234

July 1981

Final Report

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Prepared for:

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) A review of dental management indicators employed by the Directorate of Dental Services, US Army Health Services Command prior to 1 Oct 79 indicated that they were inappropriate for use with the Uniform Chart of Accounts Dental Workload Reporting System, which became effective 1 October 1979. Using the workload and supplemental reports routinely submitted by Dental Activities, a series of management indicators have been explored and developed for use at various level of management in the Army Dental Care System. The results of eighteen months of workload analyses prepared from manually and automated means have been		

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completed. It was concluded that: 1) there are a variety of management indicators that can be generated from the current workload reporting system to assist in determining the efficiency and effectiveness of the Army Dental Care Delivery System; 2) indicators can and should be developed by level of operation from the clinic level to the OTSG level; 3) the magnitude and complexity of the data necessitates that the generation of management indicators be automated prior to interpretation by Commanders and/or staff officers; and 4) requirements for indicators at all levels need to be better defined before selection of an operating set of management indicators is established. It is recommended that: 1) an ad hoc committee be appointed by the Assistant Surgeon General for Dental Services and a meeting be convened to review the variety of indicators tested in this study and those in use by HSC, 7th MEDCOM and OTSG and identify a standardized package of indicators by level of command; and 2) that a Systems Change Request be prepared by OTSG based on the recommendations of the above committee for the preparation of a standardized management indicators package by Health Care Systems Support Agency, HSC for routine and special use for all levels of dental systems management.

Summary

A review of dental management indicators employed by the Directorate of Dental Services, US Army Health Services Command prior to 1 October 1979 indicated that they were inappropriate for use with the Uniform Chart of Accounts Dental Workload Reporting System which became effective 1 October 1979. Using the workload and supplemental reports routinely submitted by Dental Activities, a series of management indicators have been explored and developed for use at various levels of management in the Army Dental Care System. The results of eighteen months of workload analyses prepared from manually and automated means have been completed. It was concluded that: 1) there are a variety of management indicators that can be generated from the current workload reporting system to assist in determining the efficiency and effectiveness of the Army Dental Care Delivery System; 2) indicators can and should be developed by level of operation from the clinic level to the OTSG level; 3) the magnitude and complexity of the data necessitates that the generation of management indicators be automated prior to interpretation by commanders and/or staff officers; and 4) requirements for indicators at all levels need to be better defined before selection of an operating set of management indicators is established.

It is recommended that: 1) an ad hoc committee be appointed by the Assistant Surgeon General for Dental Services and a meeting be convened to review the variety of indicators tested in this study and those in use by HSC, 7th MEDCOM and OTSG and identify a standardized package of indicators by level of command; and 2) that a Systems Change Request be prepared by OTSG based on the recommendations of the above committee for the preparation of a standardized management indicators package by Health Care Systems Support Agency, HSC for routine and special use for all levels of dental systems management.

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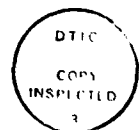


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Evaluation of Currently Used Dental Management Indicators and
Development of New Management and Performance Indicators

1. INTRODUCTION.

a. Problem. Since the formation of the Directorate for Dental Services, US Army Health Services Command (HSDS, HSC) in 1973, a variety of management indicators have been developed to evaluate performance and to distribute resources to Dental Activities (DENTAC). Early efforts produced crude indicators of performance, at best, because of the lack of discrete item-specific workload reported. Attempts to measure cost effectiveness resulted in cost indicators which could easily be distorted by the inaccuracy of workload reporting systems. This has severely limited the ability of the staff elements, Headquarters, Health Services Command (HSC) to develop meaningful policy and guidance on resource management and has provided little incentive for local Directors' of Dental Services (DDS) to become more objective in the management decisions. On 1 October 1979 a new dental workload reporting system was implemented Army-wide. The dental portion of the Department of Defense (DOD) directed system, Uniform Chart of Accounts (UCA), included a detailed list of more than 300 items and was designed to provide a much more specific cost breakdown by DENTAC. This increased detail for workload reporting and cost accounting necessitated an evaluation of existing indicators.

b. Purpose. The overall purpose of this study was to evaluate the appropriateness and usefulness of management indicators in use prior to 1 October 1979 and, if indicated, to develop new and/or additional indicators specifically related to the UCA system.

c. Background. HSC receives from each DENTAC on a monthly basis a clinic level workload report, a laboratory workload report, and a supplemental (personnel-type) report. The Health Care Statistical Support Activity (HCSSA) processes this information and prepares feedback reports of each DENTAC and a consolidated HSC Summary Report. The workload reports are provided in weighted work units and by raw frequencies. The Deputy Chief of Staff, Comptroller (DCSCOMPT) provides HSDS with information about the cost of operating each DENTAC on a quarterly basis. These factors constitute the baseline from which management indicators will be considered.

Prior to 1 October 1979 HSC received quarterly reports from each DENTAC under HSC. The workload as reported on DD Form 477 consisted of 46 procedures. The summation, manipulation, and/or costing of these procedures produced nebulous information that was often subjective in nature and easily misinterpreted. The US Air Force produced a weighting system for the 46 procedures listed on DD Form 477. Although both the Army and the Air Force reported the same 46 procedures, they could not be compared because of different policies and interpretations as to where certain unlisted treatment procedures should be incorporated. Regardless of the many attempts to standardize reporting procedures within HSC, the fact remained that too many procedures could not be accounted for accurately. When reported under a pseudonym or a somewhat related item, weights assigned were not valid because they were developed for the actual procedures on the line item. Since a valid

set of weights did not exist, the management indicators developed from this system were dental procedures per dentist, dental procedures per care provider, and cost per dental procedure.

Since 1 October 1979, a revised dental reporting system has been implemented Army-wide as directed by DOD. The reporting system includes 319 clinical procedures and 75 dental laboratory procedures. Each procedure had a definition and a weighting factor. The use of the system is described in the Standard Operating Procedure For Accounting For Dental Service Report System (Modified) Utilizing the DOD-Approved Defense Code on Dental Procedures and Nomenclature dated 1 October 1979 and published by Headquarters, US Army Health Services Command, Directorate of Dental Services (HSDS). As a result of the tremendous increase in volume and specificity of information available from this new reporting system, the Director of Dental Services, HSC, proposed to the Study Advisory Committee, HSC, that this study be conducted. The proposal was approved and the study included in the 1980-81 Army Study Program. The study was directed at clinical procedure indicators only since DENTAC laboratory procedure indicators were based on the analysis package already developed for the Central Dental Laboratory System.

In addition to review of dental and medical literature, the following documents/sources also were utilized: 1) Defense Documentation Center for Scientific and Technical Information (DDC), 2) Defense Logistics Studies Information Exchange (DLSIE), and 3) The Army Study Program (TASP). The literature search did not provide information that was deemed helpful for the conduct of this study.

2. OBJECTIVES.

The objectives of the study were:

- a. Analyze and evaluate the Dental Reporting System-Modified (DRS-M) and determine when initial stabilization has occurred.
- b. Evaluate the appropriateness of applying management indicators in use prior to implementation of DRS-M to the new system.
- c. If indicated in the above paragraph develop a series of new and/or additional management indicators that are specifically related to the UCA system.

3. METHODOLOGY.

a. Data Collection.

(1) This study utilized data collected from DENTACs on a monthly basis by HSDS HSC. The basic documents for this study were the Dental Procedures and Services Report which consists of three parts: the Monthly (Quarterly) Dental Procedure Report, Laboratory Workload Report, and Monthly Supplemental Report. Samples of the reports are shown at Appendix A. The clinical and laboratory workload reports are procedure specific by category

of patient treated. Summaries are presented in unweighted frequencies of occurrence and by weighted units called Composite Time Values (CTV) for the clinical procedures, and Weighted Work Units (WWU) for laboratory services. The weighting system for clinical and laboratory procedures do not have the same basis for development and cannot be interchanged, summated, or compared. The clinical set of values is time-based while the laboratory procedures are fee-related. The supplemental report provides current personnel data which was used for evaluation of one form of performance indicator. This report also indicates troop strength supported. The HSC DCSCOMPT was the source of cost estimates provided on a quarterly basis to HSDS. Any additional data elements used were in the form of constants applied to either the raw or weighted procedures and did not require any additional data collection by care providers or administrative personnel.

b. Analysis of Data.

The initial months of data were analyzed by HCSD project officers to determine how the implementation was progressing, and to correct errors that surfaced concerning misinterpretation of procedure definitions or recording instructions. The analysis was performed at the dental and consolidated HSC report level. In addition to the standard workload feedback report, HCSSA provided HCSD with ranking of procedures by frequency of use for each DENTAC and for HSC. This process required six months of observation and analysis to insure stability in the system. When HCSD, HSDS, and OTSG agreed, the newly imposed system was stabilized, the actual tracking process using various management indicators began. All dental treatment facilities controlled by and reporting to HSC participated in this study.

c. Manually Prepared Indicators. Routine feedback reports (RFR) and frequency of use reports (FUR) were used to prepare several types of indicators. Calculators assisted in developing ratios and percentages before the computer assisted programs came on line. Some of these manually-developed indicators remained in use even after the computer-assisted indicators were developed because the format of the original computer input does not permit all proposed indicators to be prepared.

d. Computer Assisted Indicators. An extract tape prepared by HCSSA consisted of a listing by DENTAC of the total number of procedures reported for both monthly and quarterly workload. Supplemental data such as CTV values, cost values, fee values, and resources information was input by punched cards at the Operations Analysis Office, CDHCS, remote terminal of the TRADOC computer located at Fort Leavenworth, Kansas.

4. RESULTS AND DISCUSSION.

a. An evaluation of the management indicators used prior to 1 October 1979 revealed their complete inadequacy when applied to the information collected from the Uniform Chart of Accounts (UCA) system. This UCA data is available in the format shown in Appendix A. Basically, these indicators focused around unweighted dental procedures per care provider and cost per unweighted dental procedure. The UCA report, although complete, is presented

in a format that is difficult to tabulate and does not provide summary statistics that allow managers to easily and readily evaluate performance. It was obvious that the standardized weighting system in the UCA system would provide better information about workload productivity. In addition the Army Assistant Surgeon General for Dental Services (OTSG) wanted to establish indicators that were based upon projected revenue that would have been produced if fees were charged for the services rendered. Therefore, development of a dual system of indicators (time and fee based) was begun.

b. Appendix B contains a suggested list of proposed indicators submitted to the Directorate of Dental Services (DDS), US Army Health Services Command (HSC). This appendix also includes a list of "hard procedures selected by the project officers." The procedures were felt to contain the items which reflected common end-product services and would provide a capsulated summary of actual performance. Report formats are also included. Based upon the response from HSC and OTSG, a packet was developed for the first month of workload data received (October 1979) and is shown at Appendix C. The reports were modified as the needs and desires of the users were determined. Appendix D shows how the report has been modified eight months later (May 1980). The modified report contains a series of ratios which compares for each DENTAC the proportion of personnel resources available to the proportion of weighted work units produced. This overview of relative productivity has been used by HSC extensively in evaluating performance and preparing for DENTAC staff assistance visits. The material contained in Appendices C and D were manually prepared from the frequency of use listing prepared specifically for this study. This process could easily be automated by HCSSA if the information is felt to be of continuing benefit.

c. It was envisioned that as data continued to flow into the system monthly comparisons could be made to track progress. In the automated system the level of these comparisons could be at the clinic as well as DENTAC. They were also used to determine the stability of the workload reporting system. The system was shown to be stable according to the analyses performed to date (October 1979 - March 1981). Appendix E contains the October 1980 summary to allow comparisons with previous months' summaries.

d. At the request of OTSG a fee scale was developed based upon mean fees published by the American Dental Association (ADA) and updated by the Consumer Price Index for dental fees. The fees for procedures which were not published by the ADA were established from specialists' fee scales obtained by the project officers. Quarterly reports were prepared using these fee schedules and may be seen at Appendix F for Fiscal Year 1980.

e. The creation of a computer extract data tape by HCSSA allowed for a much more sophisticated analysis to be performed. The tape contains the total procedure values by procedure by DENTAC and is sent to Fort Leavenworth for use in the TRADOC computer which can be accessed by the remote terminal at Fort Sam Houston. Appendix G contains a series of tables and graphs generated at the request of OTSG in April 1981. These indicators primarily center around the dollar value produced/cost of operation.

f. A dental management system was created using a discriminant analysis technique. Discriminant analysis uses regression and comparative techniques to maximize the differences among groups on a variety of variables. In the dental management system, four groups of DENTACs were defined as a function of workload accomplished in weighted work units, number of dentists, patient load, and assigned Army strength supported (see Table 1). The timeframe looked at was October 1979 through March 1981. Discriminant functions were developed to separate the DENTACs based on the distribution of the DENTACs in the population of DENTACs. The probability of assigning a DENTAC into each of the four categories was employed in calculating the discriminant functions. The percent of the DENTACs correctly classified into the proper categories was 93.39%. The discriminant functions developed were very good in predicting the correct groupings for each DENTAC. The ranges for each variable for each of the four DENTAC categories are included in Table 2. This analysis has demonstrated that DENTACs consistently performing outside their group can be identified to permit staffers to further investigate the reason for the deviate performance.

5. REVENUES GENERATED.

Using the raw total number of procedures listed on the extract tape prepared by HCSSA for each DENTAC each month, a measure of the potential revenue that would be generated was calculated. Using the fee schedule provided (see Appendix H) for each procedure, the potential revenue for each DENTAC was computed by multiplying the raw total number of procedures times the fee for the procedure. A monthly total was determined for each DENTAC. Comparisons were made between quarters for CONUS ($F = 0.42$, $df = 5/660$, ns). The revenues were stable across the quarters (see Table 3). There were cyclical trends evident when analyses were performed across the months. In addition revenue to cost analyses were performed to identify the break-even points by DENTAC. The resulting proportions allow staffers to readily use this indicator to determine the degree to which DENTACs were producing revenue in relation to the cost of operation.

6. CONCLUSIONS.

- a. There are a variety of management indicators that can be generated from the current workload reporting system to assist in determining the efficiency and effectiveness of the Army Dental Care Delivery System.
- b. Indicators can and should be developed by level of operation from the clinic level to the OTSG level.
- c. The magnitude and complexity of the data necessitates that the generation of management indicators be automated prior to interpretation by Commanders and/or staff officers.
- d. Requirements for indicators at all levels need to be better defined before selection of an operating set of management indicators is established.

7. RECOMMENDATIONS.

a. Recommend that an ad hoc committee be appointed by the Assistant Surgeon General for Dental Services and a meeting be convened to review the variety of indicators tested in this study and those in use by HSC, 7th MEDCOM and OTSG and identify a standardized package of indicators by level of command.

b. Recommend that a Systems Change Request be prepared by OTSG based on the recommendations of the above committee for the preparation of a standardized management indicators package by Health Care System Support Agency, HSC for routine and special use for all levels of dental systems management.

8. BIBLIOGRAPHY.

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Oakley, R. E. and Gray, J. T. "Performance Standards for an Army Dental Service," Hospital Management Research Unit, Brooke Army Medical Center, Fort Sam Houston, TX, 1956.

Table 1
DENTACs in each Category

Group 1
3 Benning
4 Bliss
5 Bragg
6 Campbell
13 Gordon
14 Hood
17 Knox
21 Lewis
25 Ord
33 Sill

Group 2
8 Carson
10 Dix
16 Jackson
20 Leonard Wood
23 Meade
26 Polk
29 Riley
34 Stewart
35 Hawaii
36 Walter Reed

Group 3
1 Alaska
2 Belvoir
7 Canal Zone
9 Devins
11 Eustis
12 Fitzsimons
15 Huachuca
18 Leavenworth
19 Lee
22 McClellan
27 Presidio of San Francisco
30 Rucker
31 Sam Houston
37 West Point

Group 4
24 Monmouth
28 Redstone
32 Sheridan
39 Irwin

Table 2

Workload Generated in Weighted Work Units
for each DENTAC Category

Group 1

Variable	Mean	Standard Deviation	95% Confidence Interval for Mean
Diagnosis	9733.3	2766.8	9326.4 to 10140.3
Prevention	6135.6	1589.4	5901.8 to 6369.4
Restoration	10319.0	2658.4	9927.9 to 10710.0
Endodontics	1565.8	437.9	1501.4 to 1630.3
Periodontics	6032.3	1832.5	5762.8 to 6301.8
Removable Prosth	1379.4	515.6	1303.5 to 1455.2
Fixed Prosth	2350.3	1102.8	2188.1 to 2512.5
Surgery	2718.5	748.0	2608.5 to 2828.5
Ortho	527.7	423.2	465.5 to 590.0
Adjunct	17162.5	4500.1	16500 to 17824.4
Total Weighted Work Units	57924.9	14145.5	55844.3 to 60005.4
Assigned Dentists	53.8	15.8	
Assigned Total Personnel	191.7		
Assigned Army Strength	26103.0		
Total Patients	11205.2		

Group 2

Variable	Mean	Standard Deviation	95% Confidence Interval for Mean
Diagnosis	6783.2	1941.5	6497.6 to 7068.7
Prevention	5126.0	1971.3	4836.0 to 5415.9
Restoration	6531.3	1742.4	6325.0 to 6337.6
Endodontics	924.6	311.2	878.8 to 970.4
Periodontics	3759.3	1752.7	3501.5 to 4017.1
Removable Prosth	934.5	1756.2	676.2 to 1192.8
Fixed Prosth	1693.4	726.2	1586.5 to 1800.2
Surgery	1292.6	512.6	1217.2 to 1368.0
Ortho	200.3	257.4	162.4 to 238.1
Adjunct	10438.7	2464.3	10076.2 to 10801.2
Total WWU	37734.2	8418.4	36496.0 to 38972.4
Assigned Dentists	32.4		
Assigned Total	125.6		
Assigned Army	15952.3		
Total Patients	7494.6		

Table 2 (Continued)

Group 3

Variable	Mean	Standard Deviation	95% Confidence Interval for Mean
Diagnosis	2996.9	1229.6	6497.6 to 7068.7
Prevention	2661.7	964.8	2542.0 to 2781.4
Restoration	3341.9	1566.0	3147.6 to 3536.2
Endodontics	144.5	169.1	423.5 to 465.5
Periodontics	2252.9	1227.3	2100.6 to 2405.3
Removable Prosth	161.8	231.4	436.0 to 493.5
Fixed Prosth	276.0	373.0	829.7 to 922.3
Surgery	796.1	574.2	724.8 to 867.3
Ortho	136.0	205.0	110.6 to 161.5
Adjunct	5687.4	2108.4	5425.9 to 5949.0
Total WWU	19658.7	6842.3	18809.8 to 20507.6
Assigned Dentists	19.0		
Assigned Total	71.1		
Assigned Army	6890.1		
Total Patients	3986.2		

Group 4

Variable	Mean	Standard Deviation	95% Confidence Interval for Mean
Diagnosis	1603.0	703.8	1410.9 to 1795.1
Prevention	1179.5	586.0	1019.5 to 1339.5
Restoration	1381.1	724.2	1183.4 to 1578.8
Endodontics	200.0	95.4	174.0 to 226.1
Periodontics	1439.8	759.3	1232.5 to 1647.0
Removable Prosth	282.5	167.3	236.8 to 328.2
Fixed Prosth	685.2	272.3	610.7 to 759.7
Surgery	389.6	495.4	254.4 to 524.8
Ortho	3.9	8.5	1.5 to 6.2
Adjunct	2652.4	1164.8	2334.4 to 2970.4
Total WWU	9817.4	3797.2	8781.0 to 10853.9
Assigned Dentists	7.9		
Assigned Total	30.0		
Assigned Army	2661.0		
Total Patients	1727.4		

Table 3

Revenues Generated Over 6 Quarters
October 1979 through March 1981

Quarter		Dollars
1	80-1	28785961.
2	80-2	30234675.
3	80-3	31286810.
4	80-4	29328458.
5	81-1	28409318.
6	81-2	29943981.

APPENDIX A
Feedback Report

PREPARED 05/29/80
HSC CONSOLIDATED SUMMARY

DENTAL PROCEDURES AND SERVICES REPORT
MONTHLY DENTAL PROCEDURE REPORT FOR APRIL FY 80
US ARMY HEALTH SERVICES COMMAND FORT SAM HOUSTON, TEXAS

RCS MED-376

PCN R5A-4
PAGE

COMMAND SUMMARY

ARMY	NAVY / MARINE	AIR FORCE	TOTAL MILITARY	DEPENDENT	ALL OTHER	ALL TOTAL	CTV	ECR
			WEIGHTED	WEIGHTED	OTHER	WEIGHTED	WEIGHTED	
61331 GROUP ORAL HEALTH COUNSELING								
1390	40	16	2747.4	1065	324	615.6	2035	5386.5
								1.9
6133C APPLICATION OF PIT AND FISSURE SEALANTS								
9	0	0	0.0	214	0	0.0	214	128.4
								.6
6136C PLAQUE AND TISSUE INDICES								
15998	78	115	6476.4	7482	1887	754.8	25560	10224.0
								.4
								27

PREPARED 05/29/80
 HSC CONSOLIDATED SUMMARY
 DENTAL PROCEDURES AND SERVICES REPORT FOR APRIL FY 80
 US ARMY HEALTH SERVICES COMMAND FORT SAM HOUSTON, TEXAS
 RGS MED-376 PCN 5
 P1

COMMAND SUMMARY

ARMY /	NAVY /	AIR	TOTAL	MILITARY	DEPEN-	DEPENDENT	ALL	ALL OTHER	ALL	ALL TOTAL	CTV
				WEIGHTED	DENTS	WEIGHTED	OTHER	WEIGHTED	TOTALS	WEIGHTED	
C1331 GROUP ORAL HEALTH COUNSELLING											
1392	40	16	1446	2747.4	1065	2023.5	324	615.6	2035	5386.5	1.9
C135C APPLICATION OF PIT AND FISSURE SEALANTS											
0	0	0	0	0.0	214	128.4	0	0.0	214	128.4	.6
C136C PLAQUE AND TISSUE INDICES											
1593B	78	115	16191	6476.4	7482	2592.8	1887	754.8	25560	10224.0	.4
111. RESTORATIVE (02000-02090)											
C214C AMALGAM - ONE SURFACE											
24376	30	215	24699	24699.0	12860	12860.0	1755	1755.0	39114	39114.0	1.0
C215C AMALGAM - TWO SURFACE											
16291	91	164	16496	31342.4	7990	15181.0	1693	3216.7	26179	49740.1	1.9
C216C AMALGAM - THREE SURFACE											
7159	35	99	7293	16044.6	2492	5482.4	1079	2373.8	10864	23900.8	2.2
C2191 AMALGAM - FOUR OR MORE SURFACES											
3826	30	28	3324	8642.4	1110	2906.8	686	1783.6	5128	13332.8	2.6
C221C SILICATE CEMENT											
21	0	21	25.2	6	1.2	5	8.0	32	38.4	1.2	
C232C RESIN, SIMPLE											
7450	30	65	7845	9054.0	3055	3666.0	1074	1280.8	11674	14008.8	1.2
C233C RESIN, COMPLEX											
4226	33	46	4305	8179.5	1750	3325.0	749	1423.1	6804	12927.6	1.9
C234C ACID ETCH											
6766	35	68	6809	1377.8	3164	632.8	1023	204.6	11076	2215.2	.2
C2361 GLAZING, COMPOSITE											
3672	33	51	3756	791.2	1761	352.2	507	117.4	6304	1263.8	.2
C2342 SEALANTS, OPERATIVE											
2332	27	70	2429	1457.4	717	430.2	401	240.6	3547	2128.2	.5

ARMY	NAVY	AIR	TOTAL	MILITARY	DEPENDENT	ALL	ALL OTHER	ALL	ALL TOTAL	CTV	EC
MAINT	FORCE	MILITARY	WEIGHTED	CENTS	WEIGHTED	OTHER	WEIGHTED	TOTALS	WEIGHTED		
69926	LABORATORY PROCEDURES, ADDUCTIVE MEDICAL										
415	4	24	443	310.1	294	54	37.8	791	553.7	.7	
69927	CELLULITIS TREATMENT										
343	2	13	358	208.4	152	94	75.2	604	483.2	.8	
69940	MOUTH PROTECTORS										
25	1	0	23	20.7	18	2	1.8	43	32.7	.9	
69941	FEELING STENTS										
77	1	1	79	468.1	80	5	25.5	164	967.6	5.9	
69942	FLUORIDE CARRIERS										
49	0	0	49	44.1	951	855.9	382	343.0	1382	1243.9	.9
69971	HYPERBARIC MONITORING										
1	0	0	1	10.6	0	0	0.0	1	10.6	10.6	
69972	PATIENT HANDLING TIME, DIAGNOSTIC AND PREVENTIVE										
76412	712	953	81.97	64877.6	37900	30320.0	14522	11617.6	133519	106015.2	.8
69973	PATIENT HANDLING TIME, ALL OTHER CLINICAL SERVICES										
95120	823	929	150930	711031.8	48975	53872.5	20145	22155.5	170050	187063.8	1.1
TOTAL PROCEDURES	8027	11245	1144114	850724.9	500750	373403.5	186934	163407.0	1033790	1387696.2	94
TOTAL PROCEDURES BY RESERVES	8996	229	393	9616.7	8013	5965.4	4192	3247.4	21821	16353.9	
TOTAL PATIENTS TREATED	154137	1394	155531	77873	30620	265872					
TOTAL PATIENTS TREATED BY RESERVES	2466	97	106	1647	1208	657					
PATIENTS TREATED UNDER SPECIAL PROGRAMS	432	0	2	434	2067	1176					

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HSC CONSULTANT SURVIVOR

DENTAL PROCEDURES AND SERVICES REPORT
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COMMAND SUMMARY

ARMY	NAVY	AIR	TOTAL	MILITARY	DEPEN-	DEPENDENT	ALL	ALL OTHER	ALL	ALL TOTAL	CTV	EC
				WEIGHTED	MENTS	WEIGHTED	OTHER	WEIGHTED	TOTALS	WEIGHTED		
C341C BACTERIOLOGIC CULTURES												
43	1	2	46	13.8	9	2.7	15	4.5	70	21.0	.3	
C032C CARIES SUSCEPTIBILITY TEST												
70	2	1	73	56.4	0	0.0	19	15.2	92	73.6	.8	
C043C SACROSCOPIC TISSUE EXAMINATION												
101	0	0	101	108.6	54	32.4	4	2.4	239	143.4	.6	
C0451 MICROSCOPIC TISSUE EXAMINATION												
170	0	0	170	320.4	32	93.6	10	18.0	240	432.0	1.9	
C046C LUMINOGRAPHIC DIAGNOSTIC TEST												
2307	0	10	2325	1060.0	860	688.0	322	257.6	3507	2005.6	.8	11
C0471 DIAGNOSTIC CLINICAL PHOTOGRAPHY												
1065	14	6	1085	542.5	790	399.0	311	155.5	2194	1097.0	.5	
C0472 IDENTIFICATION PICTOGRAPHY												
69	0	0	69	20.7	146	43.8	17	5.1	232	69.6	.3	
IT: PREVENTIVE (CINCC-017971)												
C111C ADULT PERIAPICALS												
2350	2.6	230	24382	43087.6	8448	15206.4	4093	7367.4	36923	65461.4	1.8	72
C112C CHILD PERIAPICALS												
0	0	0	0	0.0	5174	5174.0	117	117.0	5299	5299.0	1.0	19
C124C TOPICAL APPLICATION												
17967	192	392	18661	12922.7	11312	1518.4	2921	2044.7	32694	22885.8	.7	55
C125C TOPICAL FLOUORIDE - SELF APPLIED												
10747	7	29	10703	9704.7	2601	2412.9	389	350.1	13053	12467.7	.9	9
C131C DENTARY PLACATING												
425	13	23	462	646.8	262	366.8	122	170.8	846	1184.4	1.4	10
C133C INDIVIDUAL ORAL HEALTH COUNSELING												
96478	866	1149	90493	29547.9	47514	14254.2	15923	4776.9	161930	40579.0	.3	450

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DENTAC SUMMARY

ARMY	NAVY	AIR	TOTAL	MILITARY	DEPEN-	DEPENDENT	ALL	ALL OTHER	ALL	ALL TOTAL	CTV	CCP
				WEIGHTED	DENTS	WEIGHTED	OTHER	WEIGHTED	TOTALS	WEIGHTED		

1. DIAGNOSTIC 100100-009991												
CO12C	ORAL EXAM (ANALAL CR PERIODIC)	868	0	860	694.4	720	576.0	32	25.6	1620	1296.0	.8
CO13C	OTHER EXAMINATION	931	0	933	373.2	977	390.8	59	23.6	1969	787.6	.4
CO133	SCREENING EXAMINATION	206	0	206	82.4	401	160.4	25	10.0	632	252.8	.4
CO14C	COMPREHENSIVE EXAMINATION	97	0	97	340.2	279	1004.4	15	54.0	391	1407.6	3.6
CO15C	ORAL CONSULTATION	21	0	21	14.7	205	143.5	1	0.7	227	158.0	.7
CO16C	FLUOR PRESSURE RECORDING	50	0	50	11.6	51	10.2	5	1.0	114	22.8	.2
CO21C	PERIODONTAL SERIES	25	0	25	35.0	23	32.2	2	2.8	50	70.0	1.4
CO22C	PERIODONTAL FILM	1400	0	1400	200.0	1165	233.0	23	4.6	2588	517.6	.2
CO25C	EXTRAORAL FILM	1	0	1	0.5	1	0.5	0	0.0	2	1.0	.5
CO33C	PANORAMATIC FILM	58	0	58	23.2	91	36.4	5	2.0	154	61.6	.4
CO34C	CEPHALOMETRIC FILM	1	0	1	0.4	22	8.8	3	1.2	426	10.4	.4
CO46C	ENDORHONTIC DIAGNOSTIC TEST	79	0	79	63.2	42	33.6	2	1.6	123	98.4	.0
CO471	DIAGNOSTIC CLINICAL PHOTOGRAPHY	1	0	1	0.5	67	33.5	0	0.0	68	34.0	.5

DENTAC SUMMARY

ARMY	NAVY	AIR	TOTAL	MILITARY	DEPEN-	DEPENDENT	ALL	ALL OTHER	ALL	ALL TOTAL	CTV	ECP
MARINE	FORCE	MILITARY		WEIGHTED	DENTS	WEIGHTED	OTHER	WEIGHTED	TOTALS	WEIGHTED		
C2161 AMALGAM - FOUR OR MORE SURFACES												
60	0	0	60	156.0	47	122.2	3	7.8	110	286.0	2.6	
C232C RESIN, SIMPLE												
125	0	0	125	150.0	154	184.0	5	6.0	204	340.8	1.2	
C233C RESIN, COMPLEX												
43	0	0	43	81.7	73	138.7	5	9.5	121	229.9	1.9	
C234C ACID ETCH												
120	0	0	120	25.6	153	30.6	11	2.2	292	58.4	.2	
C2341 GLAZING, COMPOSITE												
119	0	0	119	23.8	141	28.2	5	1.0	265	53.0	.2	
C2342 SEALANT, OPERATIVE												
27	0	0	67	40.2	37	22.2	4	2.4	103	64.8	.6	
C291C CEMENT, INLAY, CR OR FIXED PR DTR												
24	0	0	24	33.6	20	28.0	6	8.4	50	70.0	1.4	
C294C SEDATIVE/TEMPORARY RESTORATION												
201	0	0	201	100.5	108	94.0	3	1.5	392	196.0	.5	25
C295C CROWN SUBSTRUCTURE												
14	0	0	14	35.0	7	17.5	0	0.0	21	52.5	2.5	
C2952 RESTORATION POLISH												
463	0	0	463	368.0	360	288.0	54	43.2	874	699.2	.8	
C2953 PIN RETENTION												
66	0	0	66	26.4	18	7.2	1	0.4	85	34.0	.4	3
C2954 INTERMEDIATE BASE												
956	0	0	956	191.2	1037	207.4	36	7.2	2029	405.8	.2	10
C296C VARNISH DRY APPLICATION												
467	0	0	467	186.8	460	184.0	10	4.0	937	374.8	.4	19
C297C IMAMELOPLASTY/CONDICPLASTY												
23	0	0	23	5.0	26	5.2	1	0.2	52	10.4	.2	

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DENTAL PROCEDURE SERVICES AND SERVICES REPORT
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DENTAC SUMMARY

ARMY	NAVY	AIR	TOTAL	MILITARY	DEPT-	DEPENDENT	ALL	ALL OTHER	ALL	ALL TOTAL	CTV	ECP
	MARINE	FORCE	MILITARY	WEIGHTED	DENTS	WEIGHTED	OTHER	WEIGHTED	TOTALS	WEIGHTED		

1972 PATIENT HANDLING TYPE, ALL OTHER CLINICAL SERVICES
1372 0 1372 1509.2 1643 1807.3 113 124.3 3128 3440.8 1.1 174

TOTAL PROCEDURES
1972 0 0 19250 13408.5 20125 14336.5 1045 893.6 40420 28710.6 1362

TOTAL PROCEDURES OF RESERVES
0 0 0 0.0 167 104.6 0 0 0.0 167 104.6

TOTAL PATIENTS TREATED
2467 0 0 2467 2655 144 5266

TOTAL PATIENTS TREATED BY RESERVES
0 0 0 38 0 30

PATIENTS TREATED UNDER SPECIAL PROGRAMS
0 0 0 197 21 210

DEPARTMENT OF THE ARMY

ARMY	NAVY/MARINE	AIR FORCE	OTHER	TOTAL	PERCENT OF TOTAL
8,452	0	6	0	8,458	

NUMBER CLASSIFIED	A	1,308	0	1	0	1,309	16.40
NUMBER CLASSIFIED	B	4,505	0	5	0	4,510	54.20
NUMBER CLASSIFIED	C	2,479	0	0	0	2,479	29.30

NUMBER CLASSIFIED	D	0	0	0	0	0	0
NUMBER CLASSIFIED	E	0	0	0	0	0	0

NUMBER CLASSIFIED	F	0	0	0	0	0	0
NUMBER CLASSIFIED	G	0	0	0	0	0	0

NUMBER CLASSIFIED	H	0	0	0	0	0	0
NUMBER CLASSIFIED	I	0	0	0	0	0	0

NUMBER CLASSIFIED	J	0	0	0	0	0	0
NUMBER CLASSIFIED	K	0	0	0	0	0	0

NUMBER CLASSIFIED	L	0	0	0	0	0	0
NUMBER CLASSIFIED	M	0	0	0	0	0	0

NUMBER CLASSIFIED	N	0	0	0	0	0	0
NUMBER CLASSIFIED	O	0	0	0	0	0	0

NUMBER CLASSIFIED	P	0	0	0	0	0	0
NUMBER CLASSIFIED	Q	0	0	0	0	0	0

NUMBER CLASSIFIED	R	0	0	0	0	0	0
NUMBER CLASSIFIED	S	0	0	0	0	0	0

NUMBER CLASSIFIED	T	0	0	0	0	0	0
NUMBER CLASSIFIED	U	0	0	0	0	0	0

NUMBER CLASSIFIED	V	0	0	0	0	0	0
NUMBER CLASSIFIED	W	0	0	0	0	0	0

NUMBER CLASSIFIED	X	0	0	0	0	0	0
NUMBER CLASSIFIED	Y	0	0	0	0	0	0

NUMBER CLASSIFIED	Z	0	0	0	0	0	0
NUMBER CLASSIFIED	AA	0	0	0	0	0	0

DA FORM 2820 05/29/80
 DENTISTRY
 DENTISTRY

GENERAL PROCEDURE AND SERVICES REPORT
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LABORATORY WORKLOAD

PROCEDURE NUMBER	PROCEDURE NAME	UNITS	WHL VALUE	WHL PRODUCT
C0040	ARTICULATION SIMPLE	44	001	44
C0041	IMPRESSION TRAY COPL DENT	12	005	60
C0042	SECOND PACE AND RIM COPL DENT	19	007	133
C0043	SET-UP AND MAX-UP COPL DENT	10	030	300
C0044	PROCESS AND FINISH COPL DENT	12	030	360
C0045	FULLY FAB COPL DENT	10	058	580
C0046	RELINE/REBASE COPL DENT	05	020	100
C0047	REPAIR COMPLETE DENTURE	20	008	160
C0048	SURGICAL TEMPLATE	01	007	07
C0049	BOX AND POUR IMPRESSION	26	005	130
C0050	ARTICULATION SEMI-ADJUSTABLE	02	002	92
C0051	CRTHODONTIC TOOTH POSITIONER	02	030	60
C0052	CRTHODONTIC STUDY MODELS	79	010	790
C0053	CRTHODONTIC APPLIANCE	32	050	1600
C0054	CRTHODONTIC FLEXIBLE	04	005	20

TOTAL LABORATORY WORKLOAD

1043

0828

P3CRSA

02/07/80

MCINTYRE LABORATORY PRODUCTION REPORT FOR APRIL FY 80
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CENTAC SUMMARY

LABORATORY WORKLOAD

PROCEDURE NUMBER	PROCEDURE NAME	QTY'S	AMU VALUE	AMU VALUE PRODUCT
00011	FULLY FAN FPD PORCELAIN/METAL	14	045	630
00010	VENIER ONLY FPD PORCELAIN/METAL	04	010	72
00014	FULLY FAN FPD UNVENIERED	01	035	35
00015	FULL FAN CROWN PORCELAIN/METAL	15	045	675
00016	FULL FAN CROWN UNVENIERED	23	035	805
00019	SCUDGER	07	010	70
00010	GLAZE	25	005	125
00011	CHARACTER VENEER (SPEC STAIN)	16	005	80
00013	CASTINGS	12	010	120
00014	POST AND CORE	12	025	300
00017	TEMPORARY BRIDGE FORMER	06	005	30
00018	POUR CAST FIXED	285	001	285
00019	SET-UP AND PROCESS HPD	04	030	120
00016	TRANSITIONAL HPD	14	020	280
00017	REPAIR HPD	18	012	216
00016	IMPRESSION TRAY FIXED OR REV	67	005	335
00015	ALTERED CAST TRAY	02	009	10
00016	POUR ALTERED CAST	02	005	10
00017	POLW CAST PRELIM WASTER/DPPDS	194	001	194

DENTAL PROCEDURE AND SERVICES REPORT
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CATEGORIES OF PERSONNEL	RCS SERIES	TDA REQUIREMENTS	TDA AUTHORIZATION	ASSIGNED	OTHER BORROWED, ETC.
ADMIN AND SUPPLY	301	1	1	1	0
POC	302	0	0	0	0
CIV ADMIN OFFICER	302	0	0	2	0
MILITARY	310	4	4	4	0
CIVILIAN	330	4	4	4	0
TOTAL	317	27	26	26	0
DENTIST MILITARY	600	0	0	0	0
DENTIST CIVILIAN	301	1	1	1	0
RSC	301	64	40	41	0
CRISTED	**	11	10	9	0
CIVILIAN	**	11	10	9	0

PREPARED 05/29/80

DENTAL PROCEDURES AND SERVICES REPORT PCNTHLY DENTAL SUPPLEMENTAL REPORT FOR APRIL FY 80 US ARMY HEALTH SERVICES COMMAND FORT SAM HOUSTON, TEXAS

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PCN RS
 PJ

DENTAC SUMMARY

CATEGORIES OF PERSONNEL	PCS	TCA	TDA	ASSIGNED	OTHER
SERIES	REQUIREMENTS	AUTHORIZATION	DORRONEO, ETC		
DENTIST					
MILITARY	317	27	26	26	0
CIVILIAN	600	0	0	0	0
DENTAL HCU 3					
91553	*915	2	2	2	0
91540	*914	2	2	3	0
91533	*913	1	1	3	0
42040	*424	0	0	0	0
42030	*423	1	0	2	0
DENTAL ASSISTANTS					
MILITARY	*922	34	23	13	0
CIVILIAN	*0601	6	5	5	0
DIA 5					
MILITARY	*0919	4	4	4	0
CIVILIAN	*0609	0	0	0	0
HYGIENISTS					
MILITARY	*0911	9	7	0	0
CIVILIAN	*0602	0	0	0	0
PUBLIC HEALTH DENTAL HVC					
CIVILIAN	*0684	1	1	0	0
DENTAL LAB TECHNICIAN					
MILITARY	*420	7	6	4	0
CIVILIAN	*0683	0	0	0	0

APPENDIX B
Management (Performance) Indicators

MANAGEMENT (PERFORMANCE) INDICATORS

1. Production (Productivity) Indicators

a. Weighted Dental Procedures Per Care Provider

Formula: $\frac{\text{Total Weighted Procedures}}{\text{Total Clinical Staff*}}$

*Includes dentists, hygienists, DTAs, DAs, x-ray technicians

b. Cost Per Weighted Dental Procedure

Formula: $\frac{\text{Total Weighted Procedures}}{\text{Assigned Costs*}}$

*As designated by DENTAC or MACOM controller

c. Weighted Laboratory Procedures Per Technician

Formula: $\frac{\text{Total Weighted Dental Laboratory Procedures}}{\text{Assigned Laboratory Technicians*}}$

*Includes all technicians assigned to DENTAC, wherever utilized.

d. Prophylaxes Per Assigned Hygienist and DTA

Formula: $\frac{\text{Prophylaxes Unweighted (01110, 01120)}}{\text{Assigned Hygienist} + .3 \text{ Assigned DTA}}$

e. Restorations Per Dentist

Formula: $\frac{\text{Number of Restorations,* Unweighted}}{\text{Number of Assigned Dentists}}$

*See appendix for selected procedures.

f. Endo Teeth Filled Per Dentist

Formula: $\frac{\text{Number of Teeth, Endo Completed,* Unweighted}}{\text{Number of Dentists Assigned}}$

*See appendix for selected procedures

g. Periodontal Procedures Per Dentist

Formula: $\frac{\text{Number of Perio Procedures Completed*}}{\text{Number of Dentists Assigned}}$

*See appendix for selected procedures

h. Removable Dentures Per Dentist

Formula: $\frac{\text{Number of Removable Dentures Completed*}}{\text{Number of Dentists Assigned}}$

*See appendix for selected procedures

i. Units of Fixed Prosthodontics Per Dentist

Formula: $\frac{\text{Units of Crown and Bridge Completed*}}{\text{Number of Dentists Assigned}}$

*See appendix for selected procedures

j. Teeth Extracted Per Dentist

Formula: $\frac{\text{Number of Teeth Extracted*}}{\text{Number of Dentists Assigned}}$

*See appendix for selected procedures

k. Oral and Maxillofacial Surgical Procedures Per Oral Surgeon Assigned

Formula: $\frac{\text{Selected O and MFSP*}}{\text{Number of Oral Surgeons Assigned}}$

*See appendix for list of procedures

l. Orthodontic Procedures Per Orthodontist*

Formula: $\frac{\text{Selected Orthodontic Procedures**}}{\text{Number of Orthodontists Assigned}}$

*Applied on to DENTACs where orthodontists are assigned

**See appendix for list of procedures

NOTE: Most of the above productivity indicators are based upon the total number of assigned dentists or combined care providers. By so doing they do not spotlight any particular provider or group of providers. But they do measure overall performance in major treatment areas.

2. Reporting System Evaluators

a. Treatment Category Profile (TCP)

Defined: A proportion of weighted procedures by each treatment category to total weighted procedures.

Purpose: To establish a DENTAC profile to monitor performance over time and detect significant deviations. The proportions for the ten treatment categories will equal 100 percent or 1.

b. DENTAC Hard Procedures Index (HPI)

Defined: The HPI is an abstract number designed to be a more realistic indicator of "end-product" workload as reported by the unmodified ADA codes.

Purpose: To monitor DENTACs for major deviations from historical norms of performance.

Formula:
$$\frac{\text{Weighted Hard Procedures by Category}}{\text{Weighted Total Procedures by Category}} = \text{Category Index}$$

Sum of the Category Indexes: Hard Procedure Index
 $\sum \text{CI} = \text{HPI}$

c. Care Profile by Beneficiary Category (CPBC)

Defined: A measure of the weighted procedures reported for each treatment category by beneficiary category.

Purpose: To monitor the allocation of resources and care.

Formula:
$$\frac{\text{Total Weighted Procedures by Category}}{\text{Total Patients Treated by Category}} = \text{CPBC}$$

For each Treatment Category the Sum of the CPBCs will equal 100% or 1.

d. Active Duty Army at Risk Index (ARI)

Defined: A measure of treatment provided to active duty Army personnel as compared to the total number of Army assigned (at risk).

Purpose: Using care needs as measured by recent study efforts by Health Care Studies Division, AHS, this index will evaluate the care delivered to active duty personnel as compared to total need of that group.

Formula:
$$\frac{\text{Total Weighted Procedures by Category}}{\text{Total Army Assigned}} = \text{ARI}$$

APPENDIX

SELECTED PROCEDURES

A-1 Selected Restorative Procedures for Restorative per assigned DDS ratio:

- 02140 - Amalgam 1 surface
- 02150 - Amalgam 2 surfaces
- 02160 - Amalgam 3 surfaces
- 02161 - Amalgam 4 or more surfaces
- 02320 - Resin, Simple
- 02336 - Resin, Complex

A-2 Selected Endodontic Procedures for Endo teeth per assigned DDS ratio:

- 03311 - Anterior, 1 Canal Filled
- 03312 - Anterior, 2 or more Canals Filled
- 03321 - Premolar, 1 Canal Filled
- 03322 - Premolar, 2 Canals Filled
- 03323 - Premolar, 3 or more Canals Filled
- 03331 - Molar, 1 Canal Filled
- 03332 - Molar, 2 Canals Filled
- 03333 - Molar, 3 Canals Filled
- 03334 - Molar, 4 or more Canals Filled

A-3 Selected Periodontal Procedures* for Periodontics per assigned DDS ratio:

- 04210 - Gingivectomy/Gingivoplasty
- 04220 - Gingival Curettage
- 04260 - Osseous Resective Surgery
- 04271 - Free Soft Tissue Graft
- 04272 - Vestibuloplasty
- 04340 - Perio Scale and Root Planning

*Some of these procedures are not end-item entities as are restorations or crowns. For example, a mucogingival flap (04240) must be prepared prior to osseous resective surgery (04260), therefore both procedures will be recorded at a single appointment.

Some of the above procedures are also reported to a maximum of 2 per sextant rather than 1. The average maximum reportable for the 7 procedures is 9, or 1.3 per procedure. Perhaps a factor should be used to standardize this reporting category with the other nine reporting categories.

A-4 Selected Removable Prosthodontic Procedures for Dentures per DDS ratio:

- 05110 - Maxillary Complete Denture
- 05120 - Mandibular Complete Denture
- 05130 - Immediate Maxillary Complete Denture
- 05140 - Immediate Mandibular Complete Denture
- 05201 - Resin Maxillary Removable Partial Denture
- 05202 - Resin Mandibular Removable Partial Denture
- 05203 - Cast Metal Maxillary
- 05204 - Cast Metal Mandibular
- 05205 - Cast Metal Maxillary Resin
- 05206 - Cast Metal Mandibular Resin
- 05862 - Overdenture Maxillary
- 05863 - Overdenture Mandibular

A-5 Selected Fixed Prosthodontics Procedures for Units of Fixed Prosthodontics per DDS ratio:

06100 Fixed Partial Denture Retainers

06130 Porcelain Fused to Metal

06150 Partial Veneer, Metal

06160 Complete Crown, Metal

06200 Fixed Partial Denture Pontics

06201 Cast Metal

06240 Porcelain Fused to Metal

06700 Artificial Crowns

06718 Dowel and Core, Metal

06750 Porcelain Fused to Metal

06780 Partial Veneer, Metal

06790 Complete Crown, Metal

A-6 Selected Extraction Procedures for Teeth Extracted per DDS ratio:

07110 Tooth Removal

07120 Tooth Removal, Complicated

07130 Tooth Removal, Impacted

A-7 Selected Oral and Maxillofacial Surgery Procedures for OMFSP
per O.S. assigned ratio:

07280 Skin or Mucosal Grafts

07285 Bone Graft or Osseous Implant

07310 Alveoloplasty with Extractions

07320 Alveoloplasty

07412 Excision, Soft Tissue

07452 Removal of Odontogenic Cyst or Tumor

07462 Removal of Non-Odontogenic Cyst or Tumor

07470 Removal of Exostoses

07481 Sequestrectomy

07520 Biospy

07610 Maxilla, Open Reduction

07620 Maxilla, Closed Reduction

07630 Mandible, Open Reduction

07640 Mandible, Closed Reduction

07690 Maxillofacial Appliances

07960 Frenectomy

A-8 Selected Orthodontic Procedures for Orthodontic Procedures per
Orthodontist assigned ratio*

08410 Banding 1

08420 Bonding 1

08540 Positioner Insertion 2

08110 Space Maintainer 2

✓ 08553 Craniofacial Analysis 1

*This indicator is intended for use only where one or more military orthodontists are assigned to a DENTAC as reported on the monthly personnel report form, i.e., HSC Form 113. As with the other performance indicators above it is not intended as a precise measure of productivity.

1These three procedures are intended to give a rough estimation of the number of new orthodontic patients entering the treatment regimen. Since these procedures are reported per tooth banded or bonded, monthly reports will have to be monitored in order to determine the average number of these procedures per patient. From this it can be determined how many new patients have been started.

2These two procedures are intended to provide an estimate of the number of patients completing active orthodontic treatment during a reporting period.

PROPOSED PRINTOUT FORMAT - INDIVIDUAL DENTAC TREATMENT

DENTAC TCP FOR (MONTH, YEAR)

DE

	DIAG	PREV	REST	ENDO	PERIO	R.PROS	F.PROS	ORTHO	SURG	ACS	TOTAL
DENTAC 1	.10	.05	.20	.05	.10	.15	.15	.05	.10	.05	1.00
2	.08	..	..	..	..	..	..	..	..	..	1.00
3	.06	..	..	..	..	..	..	..	..	..	1.00
4	.03	..	..	..	..	..	..	..	..	..	1.00
5	.15	..	..	..	..	..	..	..	..	..	1.00
37	~~~~~										1.00
OVERALL											1.00
DENTAC AVG	.084										1.00

DEVIATION FROM MACOM AVERAGE (PERCENT)

DE

DENTAC	1	+16	+25	-3	-1	+4	+8	0	+21	+18	-6
2
3
4
5
37	~~~~~										

+18

APPENDIX C
Initial Monthly Analysis (Oct 79)

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEM ANALYSIS

HSC - OCT 79

NUMBER OF PROCEDURES USED-OCTOBER 1979

ALASKA	160	LEE	152
BELVOIR	139	LEONARD WOOD	168
BENNING	191	LEWIS	13
BLISS	173	McCLELLAN	128
BRAGG	195	MEADE	150
CAMPBELL	196	MONMOUTH	108
CANAL ZONE	154	ORD	178
CARSON	152	POLK	176
DEVENS	131	PRESIDIO of S.F.	153
DIX	145	REDSTONE	130
EUSTIS	135	RILEY	202
FITZSIMONS	152	RUCKER	158
GORDON	194	SAM HOUSTON	168
HAWAII	158	SHERIDAN	107 (L)
HOOD	203	SILL	193
HUACHUCA	163	STEWART	141
JACKSON	165	WALTER REED	203
KNOX	223 (H)	WEST POINT	139
LEAVENWORTH	162	HSC	295

DENTAC RANGE: 107-223

PROCEDURE INCIDENCE

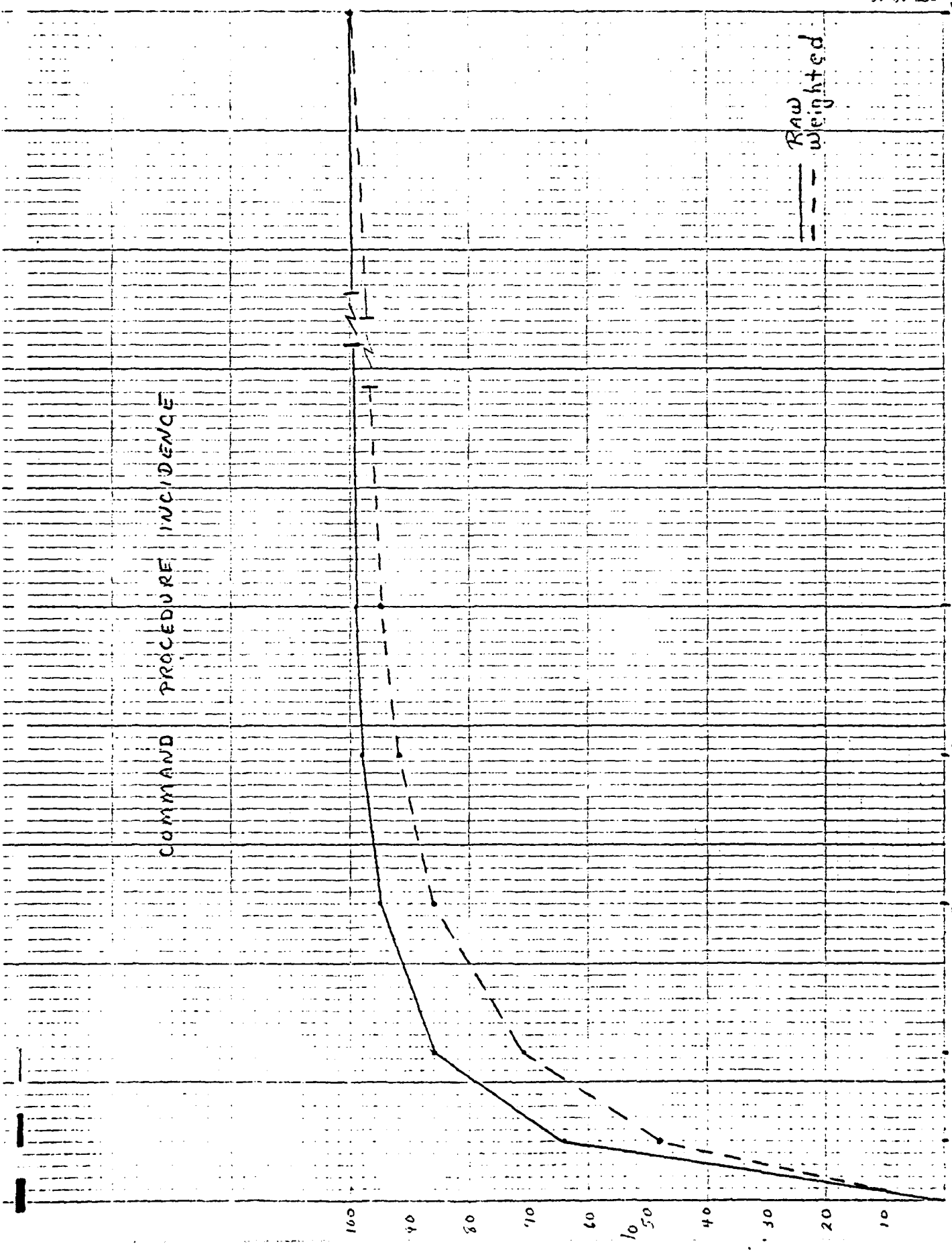
HSC - OCTOBER 1979

INCIDENCE HIERARCHY (HARD PROCEDURE)	CUMULATIVE RELATIVE FREQUENCY	
	RAW	WEIGHTED
10 ([1])	64	48
25 (4[3])	86	71
50 (10 [3])	95	86
75 (20 [3])	98	92
100 (29 [3])	99	95
293	100	100

COMMAND PROCEDURE INCIDENCE

--- RAW
--- weighted

MISS FREQUENTLY OCCURING PROCEDURES



WEIGHTED HEALTH SERVICE COMMAND PROCEDURE PROFILE

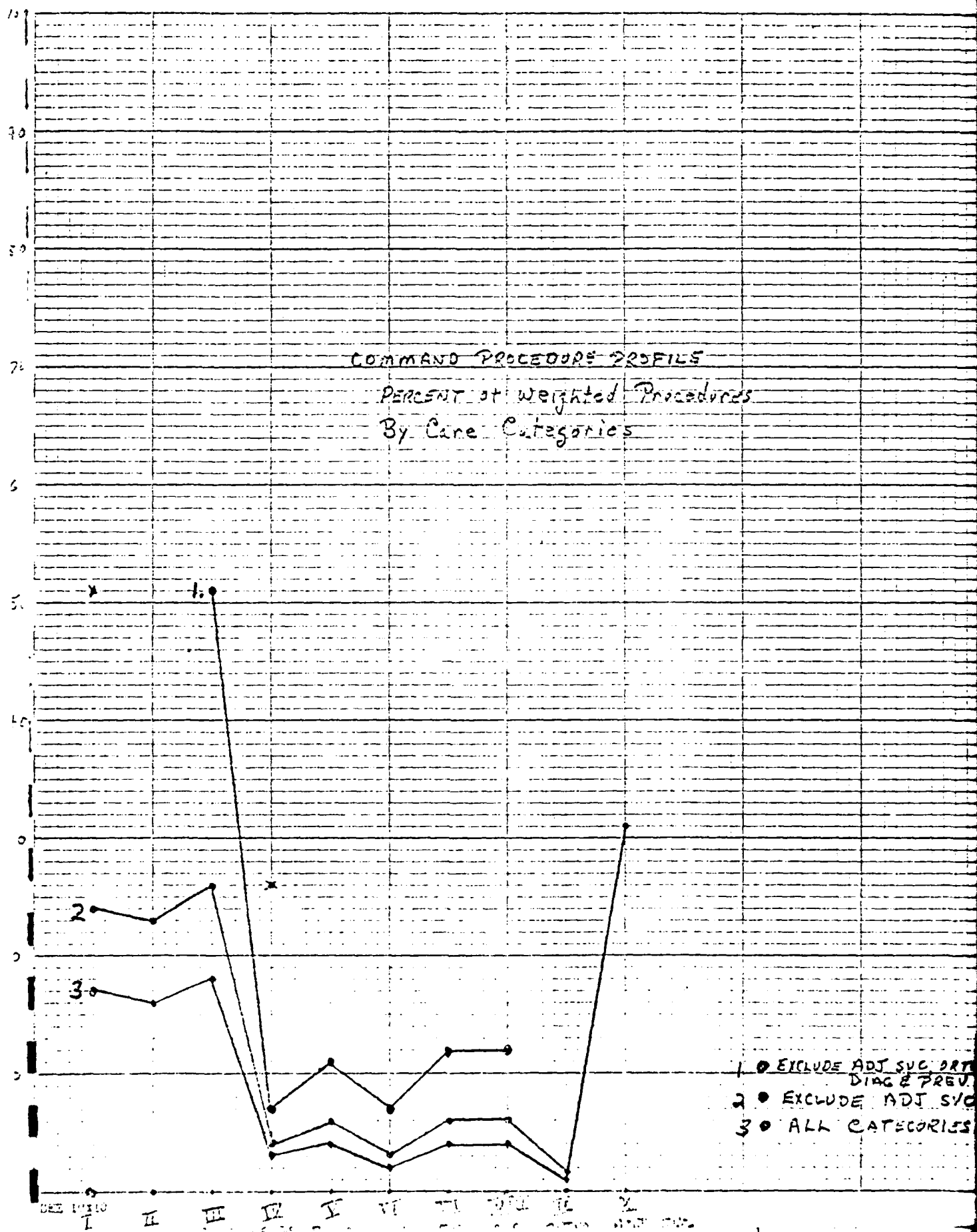
Percent of Relative Frequency

I	DIAGNOSTIC	17	24
II	PREVENTIVE	11 (16)	16 (23)
III	RESTORATIVE	18	26
IV	ENDODONTICS	3	4
V	PERIODONTICS	9 (4)	13 (6)
VI	R. PROSTHODONTICS	2	3
VII	F. PROSTHODONTICS	4	6
VIII	ORAL SURGERY	4	6
IX	ORTHODONTICS	1	1
X	ADJUNCTIVE SERVICES	31	

SELECTED PROCEDURE CATERGORY PROFILE

HSC October 1979

*	ADJUSTED PERIODONTICS	
	<u>%</u>	<u>%</u>
RESTORATIVE	44	51
ENDODONTICS	6	7
PERIODONTICS	22	11
R. PROSTHODONTICS	6	7
F. PROSTHODONTICS	11	12
ORAL SURGERY	<u>11</u> 100	<u>12</u> 100



HSC EXAM PROFILE BY DENTAC

The following is a list of exam ratios. The ratio was obtained by totaling exams (00120, 00130, 00133, 00140) and dividing that sum by the Total Patient Treated.

Alaska	1.23	Lee	.72
Belvoir	.53	Leonard Wood	.70
Benning	.75	Lewis	.95
Bliss	.84	Mc Clellan	.97
Bragg	.80	Meade	.96
Campbell	.67	Monmouth	.54
Canal Zone	.68	Ord	.92
Carson	.71	Polk	.68
Devens	.61	Pres. of S.F.	.87
Dix	.90	Redstone	.94
Eustis	.67	Riley	.84
Fitzsimons	.61	Rucker	.51
Gordon	.78	Sam Houston	.86
Hawaii	.84	Sheridan	.48
Hood	.88	Sill	.75
Huachuca	.69	Stewart	.59
Jackson	.40	Walter Reed	.87
Knox	.79	West Point	.40
Leavenworth	.54		

HSC SELECTED UNWEIGHTED PROCEDURE PROFILE

	SELECTED PROCEDURE FREQUENCY	PERCENT OF TOTAL CATEGORY
RESTORATIVE	95,630	32%
ENDODONTICS	2,946	15%
PERIODONTICS	7,876	24%
R. PROSTHODONTICS	2,312	45%
F. PROSTHODONTICS-TOTAL Units (5,374)	11,591	84% (40%)
ORAL SURGERY-TOTAL EXT (28,909) OTHER (24,867)	53,776	96% (51%) (44%)
ORTHODONTICS	4,203	32%

TOTAL

TOTAL SELECTED =
TOTAL REPORTED

11% of Procedures Reported
are in Selected Group

(10%) for most restricted selective group

WORK HOURS EQUIVALENTS ANALYSIS

HSC October 1979

1,266,862	TOTAL CTV's
1,194,068.4	CORRECTED CTV's (Reserved & X-Ray Removed)
15,378.15	WORK-HOURS/DAY /PRODUCED BY HSC (1534* Care Providers)
10	WORK-HOURS/DAY/CARE PROVIDER

* From Supplemental Report-Assigned Strength of DDS, Hyg, and 1/2 DTA

	PTS TREATED	TOTAL HITS	PHTS/PT TREATED	TOTAL PROCEDURES	TOTAL WTD PROC	RAW PROC PT TRTD	WTD PROC PT TRTD
Alaska	3805	5562	1.46	38874	28401.6	10.2	7.4
Belvoir	5007	8224	1.64	27147	20793.8	5.4	4.1
Benning	12427	12548	1.01	83099	62571.8	6.7	5.0
Bliss	8939	10149	1.13	56827	41952.9	6.3	4.7
Bragg	14278	16979	1.19	98784	73451.2	6.9	5.1
Campbell	11387	13354	1.17	76089	53898.0	6.7	4.7
Canal Zone*	6269	4072*	0.65*	38356	25740.7	6.1	4.1
Carson	7906	10467	1.32	53906	39724.6	6.8	5.0
Devens	3308	3799	1.15	22713	15734.3	6.9	4.7
Dix	5935	7262	1.22	39656	32149.0	6.7	5.4
Eustis	4844	4904	1.01	31127	23393.3	6.4	4.8
Fitzsimons	1888	1693	0.89*	9778	8284.5	5.2	4.4
Gordon	10836	13746	1.27	69812	53052.0	6.4	4.9
Hood	15708	18695	1.19	115935	84312.3	7.4	5.3
Huachuca	5209	5179	0.99*	39405	28198.9	7.5	5.4
Jackson #	13967	17704	1.27	61157	42823.8	4.4	3.0
Knox	11566	13696	1.18	76426	56203.1	6.3	4.8
Leavenworth	3785	4219	1.11	19735	15767.7	5.2	4.1
Lee	4518	4949	1.09	28123	20565.4	6.2	4.5
Leonard Wood #	16563	11168*	0.67*	69658	47704.7	4.2	2.9
Lewis (Madigan)	9226	11657	1.26	68298	49528.7	7.4	5.3
McClellan	33488	5301	1.52	22403	16029.6	6.4	4.6
Meade	5714	7391	1.29	41813	31630.3	7.3	5.5
Monmouth*	1938	1403	0.72*	10976	8887.5	5.6	4.6
Ord**	7240	18865	2.60	74768	61696.6	10.3	8.5
Polk	7643	10100	1.32	50492	37830.1	6.6	4.9
Presidio of San Fran	3162	3490	1.10	18167	14625.6	5.7	4.6
Redstone Arsenal	2210	3911	1.77	18676	14622.1	8.4	6.6
Riley	8703	10161	1.17	63154	46866.5	7.2	5.4
Rucker*	4641	4232	0.91*	27621	20779.3	5.9	4.5

	PTS TREATED	TOTAL PTS	PTS/PT TREATED	TOTAL PROCEDURES	TOTAL WTD PROC	RAW PROC PT TRTD	WTD PROC PT TRTD
Fort Sam	4419	4520	1.02	27799	21030.1	6.3	4.7
Sheridan	604	566	0.94	3590	338.5	5.9	5.6
Sill	11740	12807	1.09	72687	53260.9	6.2	4.1
Stewart	5451	5613	1.03	32071	24024.9	5.9	4.4
Hawaii	7517	8522	1.13	43213	33172.1	5.7	4.4
Walter Reed	7601	8664	1.14	49913	42533.8	6.5	5.6
West Point****	3021****	3021****	1.00	15651	12234.9	5.2	4.0

Overall PHT AVERAGE

1.21

Overreported on
recruits

Recruits

REPORTING DISCREPANCIES BY CARE CATEGORY
MONTHLY REPORT - OCTOBER 1979

I. Diagnostic.

a. 00460, Endo Diag Test seems to be underreported. Some DENTACs reported none. Some reported only 4, 7, etc., for the month.

b. 00471, 00472, Diag and ID Photos. Alaska may be double reporting since they reported identical totals for both.

c. 00141, Post Mortem exam seems to be overreported. Knox, for example, reported 11.

d. 00310, Sialography. Huachuca reported 41 and WRAMC 87. They may be reporting it every time they look for a stone in a duct with a routine x-ray.

II. Preventive.

a. 01310, Dietary Planning appears to be overreported. As examples:

Benning	215
Riley	120
Ord	113
Redstone	107

HSC total 763

b. 01330, Individual Oral Health Counseling reported 143,710. This is more than 1 for every 2 patients treated.

IIIIII. Restorative.

a. 02954, Intermediate Base. Should be monitored. For example, Hood reported about 6700 as compared to total restoration of about 7800.

b. 03220, Pulpotomy Permanent. Total reported 1153. Bragg, Campbell, and Sill are the heaviest and they also do dependent care. But this still seems high.

IV. Endodontics.

a. 03360, Endo Interim Treatment seems to be low overall (4650 for all of HSC).

V. Periodontics.

a. 04210, 04220, Gingivectomy and Gingival Curretage. Alaska reported far more than any other DENTAC, 434 as compared to 203 for Meade.

VI. Prosthodontics Removable.

a. 06203, Procelain Pontic reported 54 times, 34 from Ord. This is surely misreporting.

VIII. Oral and Maxillofacial Surgery.

a. 07210, Repair Trauma Simple Under 5 cm. Bragg reported a total of 127, which seems to be high when compared to 29 for Hood. This procedure is probably being used for suturing credit during other surgical procedures, which is wrong.

b. 07310, Alveoloplasty with Extractions. This appears to be over-reported, especially by:

Ord	307
Alaska	231
Hood	176
HSC	2647

c. 07320, Alveoloplasty reported 639 times. This seems high, especially in view of the small number of removable dentures being reported.

d. 07452, Removal Odontogenic Cyst/Tumor was heavily reported, especially by:

Sill	307
Ord	269
Knox	175
Lewis	137
Jackson	151
Benning	142
HSC	2530

This seems to be a carryover from the old days.

e. 07845, TMJ surgery. Sill reported 6 cases as compared to 12 for all of HSC.

f. 07901, Postsurgical Treatment was heavily reported (HSC - 13210).

Examples by DENTAC:

Hood	1014
Campbell	960
Bragg	724
Gordon	686
Lewis	648
Ord	648
Knox	644
Benning	630

IX. Adjunctive General Services.

a. 09210, Local Anesthesia Diagnostic was probably misreported (HSC total - 5430)

b. 09212, Trigeminal Block, was probably misreported (HSC total 456).

Gordon	302
Knox	78

c. 09610, Therapeutic Injection was probably misreported (191)

Hood	114
Sill	67

d. 09715, Grand Rounds seems to be overreported by some and under-reported by others. Some MEDCENS reported 0 while some DENTACs reported heavily. For example:

WRAMC	0
LAMC	0
BAMC	0
TAMC	106
FAMC	82
WBAMC	97
Hood	339
Knox	93

e. 09918, Postoperative Treatment is probably being misused. The HSC total was over 24,000 even though the scope of this procedure is narrow as compared to the old system.

Examples of heavy reporting:

Campbell	2721
Gordon	1347
Hood	1243
Meade	1020 (Med DENTAC)
WRAMC	1016
Lee	926 (Sm DENTAC)

Jackson probably underreported (only 259).

f. 09922, Surgical Procedure for Diagnosis. Campbell reported 57 which seems high when compared to 172 for all of HSC. Only 13 DENTACs reported this procedure and the next highest total was by Fitzsimons (35).

g. 09927, Cellulitis Treatment. FAMC reported 356 as compared to HSC total of 583.

h. Patients Treated Special Programs.

The HSC total was 35648. Bragg reported 16341 of this total, while Sheridan reported 0.

i. Patients Treated.

Hood, which is the largest DENTAC in terms of workload reported and dentists assigned reported a total of 15708. Leonard Wood reported 16563 and Jackson 13967.

This category bears close monitoring. It is possible that some DENTACs are incorrectly reporting a patient more than once a day.

OTHER AREAS WHICH BEAR WATCHING

1. 09943, Radiation Shield was erroneously reported (HSC total 2445). All of these were reported by Dix and obviously represented the use of the lead apron during the process of making dental x-rays.
2. Jackson and Leonard Wood credited a PHT for each recruit seen. This is not correct since these recruits are not examined by a dentist.
3. Leonard Wood and McClellan apparently reported a Screening Exam for each recruit seen. This is also not correct.
4. There is evidently some difficulty in the field with the Patient Handling Time concept. One DENTAC seriously underreported (0.7 PHT per patient treated) while another DENTAC apparently overreported (2.8 PHT per patient treated). The true figure should be something more than 1.0 PHT per PT TX since some patients are seen by more than one care provider at a particular appointment. But the figure should not be less than 1.0 nor exactly 1.0 as reported by one DENTAC.
5. There was evidence that in the area of Fixed Prosthodontics there were errors made in material codes. This probably has no great bearing on weights but it can give an inaccurate picture of the types of work being done. It should be an area for scrutiny in subsequent monthly reports.
6. 02970, Enameloplasty/Odontoplasty seems to be seriously underreported.

APPENDIX D

Revised Monthly Analysis (May 80)

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEM ANALYSIS

MAY 1980

TOTAL DENTISTS ASSIGNED BY DENTAC

	<u>DC</u>	<u>HSC</u>	<u>PROPORTION</u> <u>OF HSC TOTAL</u>		<u>DC</u>	<u>HSC</u>	<u>PROPORTION</u> <u>OF HSC TOTAL</u>
Alaska	26	1138 =	0.0228	Leonard Wood	38	1138 =	0.0334
Belvoir	15		0.0132	Lewis	35		0.0308
Benning	45		0.0395	Mc Clellan	15		0.0132
Bliss	51		0.0448	Meade	30		0.0264
Bragg	72		0.0633	Monmouth	8		0.0070
Campbell	46		0.0404	Ord	34		0.0299
Canal Zone	28		0.0246	Polk	32		0.0281
Carson	28		0.0246	Presidio of SF	22		0.0193
Devens	12		0.0105	Redstone	12		0.0105
Dix	16		0.0141	Riley	37		0.0325
Eustis	21		0.0185	Rucker	20		0.0176
Fitzsimons	11		0.0097	Sam Houston	24		0.0211
Gordon	47		0.0413	Sheridan	4		0.0035
Hood	85		0.0747	Sill	47		0.0413
Huachuca	24		0.0211	Stewart	25		0.0220
Jackson	39		0.0342	Hawaii	26		0.0228
Knox	69		0.0606	Walter Reed	52		0.0457
Leavenworth	16		0.0141	West Point	11		0.0097
Lee	15		0.0132				

TOTAL DENTAL PERSONNEL BY DENTAC

	<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION</u> <u>OF HSC TOTAL</u>		<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION</u> <u>OF HSC TOTAL</u>
Alaska	84	4233 =	0.0198	Leonard Wood	146	4233 =	0.0345
Belvoir	58		0.0137	Lewis	147		0.0347
Benning	204		0.0482	Mc Clellan	55		0.0130
Bliss	182		0.0430	Meade	130		0.0307
Bragg	255		0.0602	Monmouth	36		0.0085
Campbell	154		0.0364	Ord	131		0.0309
Canal Zone	113		0.0267	Polk	118		0.0279
Carson	121		0.0286	Presidio of SF	72		0.0170
Devens	55		0.0130	Redstone	37		0.0087
Dix	88		0.0208	Riley	142		0.0335
Eustis	67		0.0158	Rucker	81		0.0191
Fitzsimons	37		0.0087	Sam Houston	94		0.0222
Gordon	171		0.0404	Sheridan	20		0.0047
Hood	264		0.0624	Sill	162		0.0383
Huachuca	89		0.0210	Stewart	99		0.0234
Jackson	135		0.0319	Hawaii	101		0.0239
Knox	230		0.0543	Walter Reed	177		0.0418
Leavenworth	61		0.0144	West Point	42		0.0099
Lee	75		0.0177				

TOTAL CTV'S BY DENTAC

	<u>DENTAC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DENTAC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	29683.1	0.0234	Leonard Wood	45292.8	0.0357
Belvoir	16668.8	0.0131	Lewis	48866.4	0.0385
Benning	57814.9	0.0456	Mc Clellan	15311.5	0.0121
Bliss	62738.0	0.0495	Meade	36137.1	0.0285
Bragg	78211.5	0.0617	Monmouth	12262.5	0.0097
Campbell	48270.2	0.0381	Ord	35322.1	0.0279
Canal Zone	27291.8	0.0215	Polk	27989.1	0.0221
Carson	35093.9	0.0277	Presidio	17668.9	0.0139
Devens	19816.7	0.0156	Redstone	13788.2	0.0109
Dix	26004.0	0.0205	Riley	42999.0	0.0339
Eustis	25152.5	0.0198	Rucker	23739.6	0.0187
Fitzsimons	10365.3	0.0082	Sam Houston	26527.8	0.0209
Gordon	60608.2	0.0478	Sheridan	3029.5	0.0024
Hood	78044.7	0.0616	Sill	49684.3	0.0392
Huachuca	27589.2	0.0218	Stewart	33479.0	0.0264
Jackson	48005.6	0.0379	Hawaii	34041.6	0.0268
Knox	57185.5	0.0451	Walter Reed	43078.6	0.0340
Leavenworth	18084.2	0.0143	West Point	12064.9	0.0095
Lee	19950.2	0.0157	HSC TOTAL	1267861.2	

HSC EXAM PROFILE BY DENTAC

	<u>MAY</u>	<u>APR</u>	<u>MAR</u>	<u>FEB</u>	<u>NOV</u>	<u>OCT</u>
Alaska	0.89	0.87	0.98	0.97	0.73	1.23
Belvoir	0.56	0.55	0.58	0.66	0.52	0.53
Benning	0.83	0.77	0.81	0.92	0.81	0.75
Bliss	1.01	1.15	1.08	1.08	0.78	0.84
Bragg	0.80	0.75	0.79	0.95	0.83	0.80
Campbell	0.59	0.71	0.65	0.63	0.65	0.67
Canal Zone	0.67	0.65	0.78	0.95	0.89	0.68
Carson	0.66	0.58	0.50	0.40	0.66	0.71
Devens	0.58	0.54	0.57	0.60	0.64	0.61
Dix	1.61	1.53	1.65	1.78	0.99	0.90
Eustis	0.79	0.82	0.77	0.87	0.77	0.67
Fitzsimons	0.67	0.60	0.56	0.57	0.54	0.61
Gordon	0.70	0.72	0.80	0.61	0.70	0.78
Hood	0.79	0.83	0.80	0.82	0.82	0.88
Huachuca	0.68	0.74	0.72	0.86	0.72	0.69
Jackson	0.64	0.77	0.78	0.76	0.76	0.40
Knox	0.92	0.83	0.87	0.92	0.84	0.79
Leavenworth	0.43	0.41	0.45	0.40	0.50	0.54
Lee	0.72	0.72	0.75	0.74	0.72	0.72
Leonard Wood	1.00	1.19	1.32	1.11	0.85	0.70
Lewis	0.87	0.78	0.88	0.97	0.99	0.95
Mc Clellan	0.75	0.70	0.84	0.87	0.99	0.97
Meade	0.77	0.75	0.90	0.89	0.89	0.96
Monmouth	0.55	0.57	0.48	0.62	0.74	0.54

HSG EXAM PROFILE BY DENTAC

Con't	<u>MAY</u>	<u>APR</u>	<u>MAR</u>	<u>FEB</u>	<u>NOV</u>	<u>OCT</u>
Ord	0.66	0.67	0.63	0.70	0.93	0.92
Polk	0.66	0.64	0.62	0.58	0.65	0.68
Presidio of SF	0.74	0.63	0.69	0.73	0.58	0.87
Redstone	1.13	1.03	1.13	1.12	1.01	0.94
Riley	0.90	0.81	0.80	0.87	0.91	0.84
Rucker	0.67	0.64	0.69	0.69	0.61	0.51
Sam Houston	1.08	0.99	1.05	0.84	0.71	0.86
Sheridan	0.44	0.63	0.51	0.50	0.38	0.48
Sill	0.76	0.68	0.80	0.81	0.64	0.75
Stewart	0.91	0.65	0.77	0.81	0.68	0.59
Hawaii	0.74	0.77	0.77	0.71	0.88	0.84
Walter Reed	1.04	0.98	0.79	1.01	0.84	0.87
West Point	0.80	0.42	0.48	0.48	0.43	0.40
HSC Average	0.79	0.77	0.80	0.77	0.78	0.76

The above is a list of exam ratios. The ratio was obtained by totaling examinations (00120, 00130, 00133, 00140) and dividing that sum by the total patients treated.

PROFILE BY FREQUENCY OF USE
FOR TOP 100 PROCEDURES REPORTED

MAY 1980

	<u>RAW</u>		<u>CTV's</u>	
1 to 10	1,076,594	(64%)	600,882.7	(47%)
11 to 20	278,154	(17%)	225,327.9	(18%)
	1,354,748	(88%)	826,210.6	(65%)
21 to 25	79,732	(05%)	60,736.9	(05%)
	1,434,480	(85%)	886,947.5	(70%)
26 to 50	163,135	(10%)	192,220.8	(15%)
	1,597,615	(95%)	1,079,168.3	(85%)
51 to 75	45,141	(03%)	88,559.6	(07%)
	1,642,756	(98%)	1,167,727.9	(92%)
76 to 100	20,650	(01%)	37,112.9	(03%)
	1,663,406	(99%)	1,204,840.8	(95%)
TOTAL HSC 1-293	1,683,541		1,267,861.2	

FREQUENCY OF USE PROFILE
RESTRICTED HARD PROCEDURES

MAY 1980

	<u>UNWEIGHTED</u>	<u>WEIGHTED</u>
1 to 10	134,504 (08%)	186,874.7 (15%)
11 to 25	149,111 (08%)	253,132.5 (20%)
26 to 51	153,207 (09%)	275,030.2 (22%)

WEIGHTED HEALTH SERVICE COMMAND PROCEDURE PROFILE

MAY 1980

PERCENT OF RELATIVE FREQUENCY

		<u>OCT</u>	<u>NOV</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>
I	DIAGNOSTIC	17	17	17	17	16	16
II	PREVENTIVE	16	17	17	18	17	18
III	RESTORATIVE	18	18	18	18	17	17
IV	ENDODONTICS	3	2	3	3	3	2
V	PERIODONTICS	4	4	4	5	5	4
VI	R. PROSTHODONTICS	2	2	2	2	2	3
VII	F. PROSTHODONTICS	4	4	5	4	5	5
VIII	ORAL SURGERY	4	4	4	4	4	4
IX	ORTHODONTICS	1	1	1	1	1	1
X	ADJUNCTIVE SERVICES	31	30	29	28	29	28

DENTAC SUMMARY

	<u>TOTAL</u> <u>PROC</u>	<u>TOTAL</u> <u>WWU</u>	<u>WTD TO RAW</u> <u>PROC RATIO</u>	<u>WTD PROC</u> <u>PT TRTD</u>	<u>RAW PROC</u> <u>PT TRTD</u>
Alaska	42319	29683.1	1.43	5.90	8.40
Belvoir	21335	16668.8	1.28	3.86	4.94
Benning	75247	57814.9	1.30	5.72	7.44
Bliss	83391	62738.0	1.33	5.35	7.12
Bragg	106915	78211.5	1.37	5.28	7.22
Campbell	68697	48270.2	1.42	4.57	6.50
Canal Zone	37243	27291.8	1.36	5.08	6.93
Carson	45609	35093.9	1.30	5.18	6.73
Devens	27054	19816.7	1.37	4.58	6.26
Dix	36588	26004.0	1.41	8.61	12.12
Eustis	33186	25152.5	1.32	5.55	7.32
Fitzsimons	12312	10365.3	1.19	4.55	5.41
Gordon	78262	60608.2	1.29	5.23	6.75
Hood	102405	78044.7	1.31	4.79	6.28
Huachuca	36246	27589.2	1.31	5.19	6.81
Jackson	64164	48005.6	1.34	4.84	6.47
Knox	78061	57185.5	1.37	4.84	6.60
Leavenworth	22303	18084.2	1.23	4.44	5.48
Lee	26119	19950.2	1.31	4.89	6.41
Leonard Wood	62675	45292.8	1.38	4.67	6.46
Lewis	66155	48866.4	1.35	6.00	8.13
Mc Clellan	20283	15311.5	1.32	4.47	5.92
Meade	49169	36137.1	1.36	4.70	6.39
Monmouth	14345	12262.5	1.17	6.14	7.19
Ord	46891	35322.1	1.33	5.22	6.93
Polk	37910	27989.1	1.35	4.26	5.77
Presidio of SF	21671	17668.9	1.23	5.38	6.60
Redstone	16545	13788.2	1.20	7.57	9.09
Riley	56183	42999.0	1.31	5.11	6.67
Rucker	32736	23739.6	1.38	4.83	6.66
Sam Houston	30778	26527.8	1.16	6.66	7.73
Sheridan	3859	3029.5	1.27	3.88	4.94
Sill	69764	49684.3	1.40	4.86	6.82
Stewart	42794	33479.0	1.28	4.82	6.16
Hawaii	45770	34041.6	1.34	5.08	6.83
Walter Reed	53392	43078.6	1.24	5.84	7.23
West Point	15165	12064.9	1.26	4.92	6.19
HSC Total	1683541	1267861.2	1.33	5.13	6.81

23 09 456 123 709 456 412 709 345 612 678 9345 981 678 9234 9910 45

Jackson

Knox

Leavenworth

Lee

Leonard Wood

Lewis

Mc Clellan

Meade

Monmouth

Ord

Polk

Presidio

Redstone

Riley

Rucker

PROPORTION OF HEALTH SERVICE COMMAND BY PERCENTAGE

APPENDIX E

Revised Monthly Analysis (Oct 80)

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEM ANALYSIS

OCTOBER 1980

TOTAL DENTISTS ASSIGNED BY DENTAC

	<u>DC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	27	1167	0.0231	Leonard Wood	36	1167	0.0308
Belvoir	13		0.0111	Lewis	39		0.0334
Benning	54		0.0463	Mc Clellan	19		0.0163
Bliss	53		0.0454	Meade	29		0.0249
Bragg	67		0.0574	Monmouth	10		0.0086
Campbell	40		0.0343	Ord	37		0.0317
Panama	29		0.0249	Polk	30		0.0257
Carson	30		0.0257	Presidio	19		0.0163
Devens	12		0.0103	Redstone	12		0.0103
Dix	18		0.0154	Riley	35		0.0300
Eustis	20		0.0171	Rucker	21		0.0180
Fitzsimons	09		0.0077	Sam Houston	29		0.0249
Gordon	53		0.0454	Sheridan	05		0.0043
Hood	87		0.0746	Sill	45		0.0386
Huachuca	26		0.0223	Stewart	31		0.0266
Jackson	35		0.0300	Hawaii	28		0.0240
Knox	73		0.0626	Walter Reed	51		0.0437
Leavenworth	16		0.0137	West Point	12		0.0103
Lee	15		0.0129	Irwin	02		0.0017

TOTAL DENTAL PERSONNEL BY DENTAC

	<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	77	4352	0.0177	Leonard Wood	150	4352	0.0345
Belvoir	60		0.0138	Lewis	154		0.0354
Benning	216		0.0496	Mc Clellan	66		0.0152
Bliss	188		0.0432	Meade	131		0.0301
Bragg	264		0.0607	Monmouth	38		0.0087
Campbell	144		0.0331	Ord	140		0.0322
Panama	111		0.0255	Polk	112		0.0257
Carson	129		0.0296	Presidio	73		0.0168
Devens	56		0.0129	Redstone	39		0.0090
Dix	80		0.0184	Riley	137		0.0315
Eustis	65		0.0149	Rucker	84		0.0193
Fitzsimons	37		0.0085	Sam Houston	110		0.0253
Gordon	184		0.0423	Sheridan	18		0.0041
Hood	281		0.0646	Sill	155		0.0356
Huachuca	96		0.0221	Stewart	106		0.0244
Jackson	125		0.0287	Hawaii	104		0.0239
Knox	242		0.0556	Walter Reed	190		0.0437
Leavenworth	69		0.0159	West Point	45		0.0103
Lee	70		0.0161	Irwin	06		0.0014

TOTAL CTV'S BY DENTAC

	<u>DENTAC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DENTAC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	28136.2	0.0215	Leonard Wood	48084.8	0.0368
Belvoir	15613.2	0.0120	Lewis	52539.9	0.0403
Benning	53185.6	0.0407	Mc Clellan	17750.5	0.0136
Bliss	61792.1	0.0473	Meade	36283.6	0.0278
Bragg	76159.3	0.0583	Monmouth	9469.8	0.0073
Campbell	45851.5	0.0351	Ord	40970.4	0.0314
Panama	24488.3	0.0187	Polk	32963.4	0.0252
Carson	41158.6	0.0315	Presidio	16676.0	0.0128
Devens	15004.9	0.0115	Redstone	12338.6	0.0094
Dix	21262.2	0.0163	Riley	37635.8	0.0288
Eustis	26456.2	0.0203	Rucker	23873.4	0.0183
Fitzsimons	7617.7	0.0058	Sam Houston	27130.2	0.0208
Gordon	74422.9	0.0570	Sheridan	10504.1	0.0080
Hood	91644.8	0.0702	Sill	45781.8	0.0351
Huachuca	29574.7	0.0226	Stewart	37307.8	0.0286
Jackson	42683.2	0.0327	Hawaii	30084.9	0.0230
Knox	74824.4	0.0573	Walter Reed	45708.6	0.0350
Leavenworth	16920.1	0.0130	West Point	12598.5	0.0096
Lee	21337.7	0.0163	Irwin	230.5	0.0002

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RATIO OF ANCILLARY PERSONNEL
TO DENTISTS ASSIGNED

	<u>RATIO</u>		<u>RATIO</u>
Alaska	1.85	Leonard Wood	3.17
Belvoir	3.62	Lewis	2.95
Benning	3.00	Mc Clellan	2.47
Bliss	2.55	Meade	3.52
Bragg	2.94	Monmouth	2.80
Campbell	2.60	Ord	2.78
Panama	2.83	Polk	2.73
Carson	3.30	Presidio	2.84
Devens	3.67	Redstone	2.25
Dix	3.44	Riley	2.91
Eustis	2.25	Rucker	3.00
Fitzsimons	3.11	Sam Houston	2.79
Gordon	2.47	Sheridan	2.60
Hood	2.22	Sill	2.44
Huachuca	2.69	Stewart	2.42
Jackson	2.57	Hawaii	2.71
Knox	2.32	Walter Reed	2.73
Leavenworth	3.31	West Point	2.75
Lee	3.67	Irwin	2.00

FORMULA: Total assigned minus dentists assigned by summary = RATIO

HSC EXAM PROFILE BY DENTAC

	<u>OCT</u>	<u>SEP</u>	<u>AUG</u>	<u>JUL</u>		<u>OCT</u>	<u>SEP</u>	<u>AUG</u>	<u>JUL</u>
Alaska	1.25	1.21	1.23	1.06	Leonard Wood	1.18	1.23	0.98	1.08
Belvoir	0.52	0.58	0.93	0.51	Lewis	0.95	0.89	0.85	1.02
Benning	0.85	0.87	0.94	0.73	Mc Clellan	0.90	0.95	1.12	1.18
Bliss	1.03	1.12	1.09	1.10	Meade	0.89	0.66	0.93	0.73
Bragg	0.82	0.75	1.04	0.81	Monmouth	0.41	0.25	0.73	0.70
Campbell	0.58	0.62	0.67	0.59	Ord	0.65	0.72	0.66	0.67
Panama	0.70	0.74	0.78	0.79	Polk	0.72	0.75	0.65	0.70
Carson	0.61	0.63	0.59	0.59	Presidio	0.61	0.57	0.56	0.56
Devens	0.59	0.56	0.63	0.54	Redstone	1.01	1.00	1.04	1.16
Dix	1.46	1.99	1.27	2.92	Riley	0.89	0.88	0.90	1.11
Eustis	0.89	0.83	0.83	0.81	Rucker	0.71	0.85	0.67	0.70
Fitzsimons	0.71	0.78	0.72	0.80	Sam Houston	0.93	0.91	1.11	1.08
Gordon	0.76	0.75	0.78	0.72	Sheridan	0.75	0.83	0.83	0.75
Hood	0.81	0.89	0.82	0.83	Sill	0.91	0.78	0.75	0.78
Huachuca	0.76	0.80	0.77	0.80	Stewart	0.89	0.81	0.93	0.82
Jackson	0.73	0.76	0.41	0.87	Hawaii	0.80	0.81	0.75	0.75
Knox	1.13	1.05	0.91	0.90	Walter Reed	1.00	0.94	0.85	1.01
Leavenworth	0.35	0.44	0.46	0.44	West Point	0.52	0.37	0.61	0.39
Lee	0.61	0.68	0.65	0.64	Irwin	0.74			
					HSC Average	0.84	0.84	0.82	0.83

The above is a list of exam ratios. The ratio was obtained by totaling examinations (00120, 00130, 00133, & 00140) and dividing that sum by the total patients treated.

DENTAC SUMMARY

	<u>TOTAL PROC</u>	<u>TOTAL WWU</u>	<u>RAW TO WTD PROC RATIO</u>	<u>WTD PROC PT TRTD</u>	<u>RAW PROC PT TRTD</u>
Alaska	39014	28136.2	1.39	6.64	9.20
Belvoir	20422	15613.2	1.31	4.46	5.84
Benning	76196	53185.6	1.43	5.08	7.27
Bliss	84744	61792.1	1.37	5.11	7.01
Bragg	105121	96159.3	1.38	5.04	6.96
Campbell	67659	45851.5	1.48	4.38	6.46
Panama	34654	24488.3	1.42	5.36	7.59
Darson	53477	41158.6	1.30	5.11	6.64
Devens	20056	15004.9	1.34	4.69	6.27
Dix	29419	21262.2	1.38	7.14	9.88
Eustis	35049	26456.2	1.32	5.80	7.68
Fitzsimons	9418	7617.7	1.24	4.36	5.39
Gordon	94959	74422.9	1.28	5.35	6.82
Hood	124654	91644.8	1.36	4.92	6.69
Huachuca	40654	29574.7	1.37	4.86	6.68
Jackson	60967	42683.2	1.43	4.91	7.01
Knox	104409	74824.4	1.40	5.10	7.12
Leavenworth	21793	16920.1	1.29	4.02	5.18
Lee	28363	21337.7	1.33	4.62	6.15
Leonard Wood	71598	48084.8	1.49	4.38	6.52
Lewis	70482	52539.9	1.34	6.28	8.43
McClellan	24604	17750.5	1.39	4.43	6.14
Meade	48644	36283.6	1.34	5.41	7.26
Monmouth	11763	9468.8	1.24	4.43	5.50

DENTAC SUMMARY

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	<u>TOTAL PROC</u>	<u>TOTAL WWU</u>	<u>RAW TO WTD PROC RATIO</u>	<u>WTD PROC PT TRTD</u>	<u>RAW PROC PT TRTD</u>
Jrd	54318	40970.4	1.33	5.35	7.10
Polk	45263	32963.4	1.37	4.52	6.21
Presidio	21478	16676.0	1.29	4.36	5.62
Redstone	16105	12338.6	1.31	6.71	8.76
Riley	51925	37635.8	1.38	4.71	6.50
Rucker	32904	23873.4	1.38	5.33	7.35
Sam Houston	33364	27130.2	1.23	5.81	7.15
Sheridan	13203	10404.1	1.26	4.16	5.23
Sill	66644	45781.8	1.46	4.94	7.20
Stewart	46872	37307.8	1.26	4.56	5.73
Hawaii	40564	30084.9	1.35	4.85	6.54
Walter Reed	56036	45708.6	1.23	6.00	7.35
West Point	15559	12598.5	1.24	4.60	5.69
Irwin	350	230.5	1.52	2.61	3.98
ISC Average	1772706	1306066.2	1.36	5.06	6.86

WEIGHTED HEALTH SERVICE COMMAND PROCEDURE PROFILE

PERCENT OF RELATIVE FREQUENCY

		MILITARY	DEPENDENTS	ALL OTHER	TOTAL WEIGHTED
I	DIAGNOSTIC	62	26	12	17
II	PREVENTIVE *	63	27	10	19
III	RESTORATIVE	63	27	09	18
IV	ENDODONTICS	65	24	11	03
V	PERIODONTICS	57	21	22	04
VI	REM. PROS.	37	23	41	02
VII	FIXED PROS.	67	21	12	04
VIII	ORAL SURGERY	65	25	10	04
IX	ORTHODONTICS	13	86	01	01
X	ADJ. SERVICES	60	28	12	29
	TOTAL	61	27	12	

* Includes No. 04342 Periodontal Scaling.

PROFILE BY FREQUENCY OF USE
FOR TOP 100 PROCEDURES REPORTED

	<u>RAW</u>	<u>CTV'S</u>
1 to 10	1,143,622 (65%)	643,639.3 (49%)
11 to 20	297,583 (17%) 1,441,205 (81%)	229,930.8 (18%) 873,570.1 (67%)
21 to 25	80,397 (05%) 1,521,602 (89%)	64,744.9 (05%) 938,315.0 (72%)
26 to 50	168,974 (10%) 1,690,576 (95%)	195,000.5 (15%) 1,133,315.5 (87%)
51 to 75	42,742 (02%) 1,733,318 (98%)	74,307.0 (06%) 1,207,622.5 (92%)
76 to 100	19,181 (01%) 1,752,499 (99%)	36,883.3 (03%) 1,244,505.8 (95%)
Total HSC	1,772,706	1,306,066.2

FREQUENCY OF USE PROFILE
RESTRICTED HARD PROCEDURES

	<u>RAW</u>	<u>CTV'S</u>
1 to 10	139,290 (08%)	196,307.7 (15%)
11 to 25	152,222 (09%)	246,016.0 (19%)
26 to 52	156,134 (09%)	270,925.8 (21%)

APPENDIX F
Quarterly Analyses (FY 80)

UNIFORM CHART OF ACCOUNTS
DENTAL REPORTING SYSTEM ANALYSIS

1st QTR FY 80

	CODE	PROCEDURE DESCRIPTION	NUMBER USED	DOLLAR VALUE	
1.	00330	Panoramic Film	96678	20.00	1,933,560.00
2.	01110	Adult Prophylaxis	90640	17.00	1,540,880.00
3.	02150	Amalgam - Two Surface	69123	22.00	1,520,706.00
4.	00120	Oral Exam (annual or periodic)	215521	7.00	1,508,647.00
5.	02140	Amalgam - One Surface	102734	14.00	1,438,276.00
6.	07130	Tooth Removal, Impacted	15395	75.00	1,154,625.00
7.	00220	Intraoral Film	421555	2.50	1,053,887.50
8.	06750	Porcelain Fused to Metal	4229	230.00	972,670.00
9.	02160	Amalgam - Three Surface	27705	29.00	803,445.00
10.	01240	Topical Application	77745	10.00	777,450.00
					12,704,146.50
11.	07110	Tooth Removal	50198	15.00	752,970.00
12.	02320	Resin, Simple	36216	18.00	651,888.00
13.	04343	Periodontal Scaling & Root Planing	33454	19.00	635,626.00
14.	06240	Porcelain Fused to Metal	2734	230.00	628,820.00
15.	06130	Porcelain Fused to Metal	2480	230.00	570,400.00
16.	06790	Complete Crown Metal	2866	190.00	544,540.00
17.	00210	Intraoral Series	19544	27.00	527,688.00
18.	04210	Gingivectomy/Gingivoplasty	4877	107.00	521,839.00
19.	05110	Maxillary Full Denture	1520	320.00	486,400.00
20.	02161	Amalgam - Four or more Surface	12738	37.00	471,306.00
					5,791,477.00
					18,495,623.50
21.	04331	Occlusal Adjustment, Complete	5418	85.00	460,530.00
22.	02336	Resin, Complex	17298	26.00	449,748.00
23.	03311	Anterior - One Canal Filled	3129	115.00	359,835.00
24.	07310	Alveoloplasty with Extractions	7036	50.00	351,800.00
25.	03333	Molar - Three Canals Filled	1798	190.00	341,620.00
					1,963,533.00
					20,459,156.50
26.	07120	Tooth Removal, Complicated	13136	26.00	341,536.00
27.	06160	Complete Crown Metal	1652	185.00	305,620.00
28.	05206	Cast Metal Mandibular Resin	936	320.00	299,520.00
29.	04260	Osseous Resective Surgery	1942	150.00	291,300.00
30.	07462	Removal of Non-Odontogenic Cyst/Tumor	667	400.00	266,800.00
31.	05120	Mandibular Full Denture	832	320.00	266,240.00
32.	05205	Cast Metal Maxillary Resin	817	320.00	261,440.00
33.	00140	Comprehensive Examination	32576	7.00	228,032.00
34.	07721	Mandibular Osteotomy	162	1,400.00	226,800.00
35.	05201	Resin Maxillary Partial Denture	1069	170.00	181,730.00
36.	07470	Removal of Exostoses	559	300.00	167,700.00
37.	01120	Child Prophylaxis	12146	13.00	157,898.00
38.	05203	Cast Metal Maxillary Partial Denture	485	320.00	155,200.00
39.	05204	Cast Metal Mandibular Partial Denture	480	320.00	153,600.00
40.	00250	Extraoral Film	6023	25.00	150,575.00
41.	06718	Dowel and Core Metal	2254	65.00	146,510.00
42.	02953	Pin Retention	17302	8.00	138,416.00
43.	03321	Premolar - One Canal Filled	877	145.00	127,165.00
44.	03334	Molar - Four or more Canals Filled	635	190.00	120,650.00
45.	04363	Other Periodontal Appliances	787	150.00	118,050.00
46.	05130	Immediate Maxillary Full Denture	345	320.00	110,400.00
47.	03322	Premolar - Two Canals Filled	728	145.00	105,560.00
48.	07520	Biopsy	2228	45.00	100,260.00
49.	04220	Gingival Curettage	7558	13.00	98,254.00
50.	06201	Cast Metal (Pontic)	531	185.00	98,235.00
					4,617,491.00
					25,076,647.50

1st QTR FY 80

			NUMBER USED	DOLLAR VALUE	
51.	07712	Maxillary Osteotomy, Segmental	122	800.00	97,600.00
52.	07722	Mandibular Osteotomy, Body	67	1,400.00	93,800.00
53.	07320	Alveoloplasty	1741	50.00	87,050.00
54.	06150	Partial Veneer, Metal	464	180.00	83,520.00
55.	03220	Pulpotomy - Permanent	3298	25.00	82,450.00
56.	07711	Maxillary Osteotomy, Total	61	1,350.00	82,350.00
57.	04271	Free Soft Tissue Graft	406	195.00	79,170.00
58.	07640	Mandibular, Closed Reduction	168	450.00	75,600.00
59.	03332	Molar - Two Canals Filled	385	190.00	73,150.00
60.	05621	Partial Denture Repair	2514	27.00	67,878.00
61.	07530	Removal of Foreign Body	339	200.00	67,800.00
62.	06780	Partial Veneer, Metal	365	185.00	67,525.00
63.	05202	Resin Mandibular Partial Denture	396	170.00	67,320.00
64.	05710	Acrylic Resin (processed)	746	80.00	59,680.00
65.	05731	Reline Complete Maxillary (chairside)	1089	54.00	58,806.00
66.	04261	Osseous Graft	252	225.00	56,700.00
67.	02910	Recement Inlay, Crown or Fixed Partial	4516	12.00	54,192.00
68.	04272	Vestibuloplasty	255	195.00	49,725.00
69.	07815	Myofascial Pain Dysfunction	197	250.00	49,250.00
70.	07630	Mandible, Open Reduction	73	650.00	47,450.00
71.	03331	Molar - One Canal Filled	248	190.00	47,120.00
72.	09231	Intravenous Sedation or Analgesia	2457	18.00	44,226.00
73.	07811	Reduction of Dislocation	212	200.00	42,400.00
74.	07285	Bone Graft or Osseous Implant	43	950.00	40,850.00
75.	05611	Complete Denture Repair	1379	27.00	37,233.00
					1,612,845.00
					26,689,492.50
76.	05751	Reline Complete Maxillary (laboratory)	428	88.00	37,664.00
77.	07681	Other Fracture Reduction	50	750.00	37,500.00
78.	09233	Inhalation Sedation or Analgesia	2055	18.00	36,990.00
79.	07835	Mandibular Manipulation	354	100.00	35,400.00
80.	04321	Provisional Splint, Extracoronar	464	75.00	34,800.00
81.	03210	Pulpotomy - Deciduous	1308	24.00	31,392.00
82.	07680	Facial Bone Fracture	28	1,100.00	30,800.00
83.	07651	Zygomatic Complex Fracture	44	650.00	28,600.00
84.	05741	Reline Removable Partial Maxillary chairside	463	54.00	25,002.00
85.	04351	Root Desensitization	1630	15.00	24,450.00
86.	07350	Stomoplasty	59	400.00	23,600.00
87.	03340	Deciduous Root Canal Filling	196	116.00	22,736.00
88.	08121	Space Maintainer, Complex Fixed	217	100.00	21,700.00
89.	06610	Replace Broken Facing	706	30.00	21,180.00
90.	04361	Occlusal Orthopedic Appliance	208	100.00	20,800.00
91.	09220	General Anesthesia	518	40.00	20,720.00
92.	08120	Space Maintainer, Simple Fixed	333	60.00	19,980.00
93.	05732	Reline Complete Mandibular (chairside)	360	54.00	19,440.00
94.	05752	Reline Complete Mandibular (laboratory)	216	88.00	19,008.00
95.	07755	Augmentation, Contouring, Reduction	24	650.00	15,600.00
96.	07150	Surgical Exposed Tooth	461	31.00	14,291.00
97.	04270	Pedicle Soft Tissue Graft	109	125.00	13,625.00
98.	06203	Porcelain (Pontic)	73	185.00	13,505.00
99.	07280	Skin or Mucosal Graft	12	1,100.00	13,200.00
100.	05742	Reline Removable Partial Mandibular chairside	244	54.00	13,176.00
					595,159.00
					27,284,651.50

101.	07610	Maxillary, Open Reduction	16	750.00	12,000.00
02.	03312	Anterior - Two or more Canals Filled	103	115.00	11,485.00
103.	07480	Partial Resection, Maxilla or Mandible	10	1,100.00	11,000.00
104.	05763	Rebase Complete Maxillary (laboratory)	118	88.00	10,384.00
05.	05140	Immediate Mandibular	32	320.00	10,240.00
06.	07340	Stomoplasty, Uncomplicated	51	200.00	10,200.00
107.	07560	Maxillary Sinusotomy	24	400.00	9,600.00
08.	07845	Temporomandibular Joint Surgery	37	250.00	9,250.00
09.	07405	Salivary Gland Surgery	30	300.00	9,000.00
110.	07432	Excision, Benign Tumor	174	50.00	8,700.00
111.	07960	Frenectomy	193	45.00	8,685.00
12.	03323	Premolar - Three or more Canals Filled	56	147.00	8,232.00
113.	04320	Provisional Splint, Intracoronal	45	150.00	6,750.00
114.	08220	Habit Breaker, Fixed	66	100.00	6,600.00
15.	06713	Acrylic Resin, Metal	31	200.00	6,200.00
116.	06760	Reverse Pin Facing and Metal	26	220.00	5,720.00
117.	06740	Porcelain Jacket Crown	27	195.00	5,265.00
18.	06204	Acrylic Veneered Pontic	25	200.00	5,000.00
119.	02542	Pin Ledge Restoration	24	178.00	4,272.00
120.	05814	Overdenture Immediate Maxillary	11	320.00	3,520.00
21.	07270	Oral-Antral Fistula or Comm. Repair	16	200.00	3,200.00
22.	06220	Slotted Facing or Pontic	17	175.00	2,975.00
123.	06140	Reverse Pin Facing and Metal	13	220.00	2,860.00
124.	05764	Rebase Complete Mandibular (laboratory)	30	88.00	2,640.00
25.	05220	With Amalgam Occlusal, Partial Denture	8	320.00	2,560.00
126.	05863	Overdenture Mandibular	8	320.00	2,560.00
127.	05761	Reline Removable Partial Maxillary (lab)	31	75.00	2,325.00
28.	05862	Overdenture Maxillary	7	320.00	2,240.00
129.	05762	Reline Removable Partial Mandibular (lab)	27	75.00	2,025.00
130.	05210	With Metal Occlusal, Partial Denture	6	320.00	1,920.00
31.	05866	Overdenture Immediate Maxillary Rem PTR DTR	6	320.00	1,920.00
132.	05711	Maxillary Duplicate Denture	6	320.00	1,920.00
133.	06110	Acrylic Resin Veneered Crown	9	200.00	1,800.00
34.	05815	Overdenture Immediate Mandibular	4	320.00	1,280.00
135.	05864	Overdenture Partial Maxillary	4	320.00	1,280.00
136.	05765	Rebase, Removable Partial Maxillary (lab)	16	75.00	1,200.00
37.	02521	Inlay - Two Surface	8	128.00	1,024.00
38.	07880	Arthrocentesis, Arthrography, Injection	10	100.00	1,000.00
139.	05766	Rebase Removable Partial Mandibular (lab)	13	75.00	975.00
140.	02541	Onlay - Cusp Coverage	32	26.00	832.00
41.	05865	Overdenture Partial Mandibular	2	320.00	640.00
142.	05876	Overdenture Immediate Mandibular Rem PTR DTR	2	320.00	640.00
143.	02511	Inlay - One Surface	5	96.00	480.00
44.	05816	Overdenture Maxillary, Metal	1	320.00	320.00
145.	02531	Inlay - Three Surface	2	156.00	312.00
146.	07465	Destruction of Lesions	4	50.00	200.00
					203,231.00
					27,487,882.50

TABLE 1

FREQUENCY OF USE PROFILE FOR ALL REPORTED PROCEDURES
FIRST QUARTER, FY 80

Health Services Command Dental Procedure and Services Report		
Most Frequently Reported Procedures	Percent of Total Raw Procedures Reported	Percent of Total Weighted Procedures Reported
10	61 %	46 %
25	83 %	69 %
50	92 %	84 %
75	95 %	91 %
100	96 %	95 %
Total Used 308	100 %	100 %

TABLE 2

FREQUENCY OF USE PROFILE FOR REPORTED "HARD" PROCEDURES*
FIRST QUARTER FY 80
Health Services Command Dental Procedure and Services Report

Most Frequently Used "Hard" Procedures	Percent of Total Raw Procedures Reported	Percent of Total Weighted Procedures Reported
10	7.95%	14.59 %
20	8.79%	18.37 %
25	8.97%	19.38 %
54	9.25%	21.02 %
with addition of Scalings and Prophys	17.83%	31.02 %

*Hard Procedures identified in Appendix A by Frequency of Use

TABLE 3

Dollar Value* of "Hard" Procedures By
Frequency of Use for 1st Qtr, FY 80
US Army Health Services Command

Number of "Hard" Procedures	Dollar Value
10	\$ 8,612,593.87
20	13,280,485.64
30	15,958,981.89
54**	18,064,251.34
Plus Prophys	1,765,235.65
Total Value.	\$19,829,486.99

*Established using Mean Fees Report by the American Dental Association (JADA, Vol 97, Oct 78) plus inflation factor (15.4%); personal communication with Dr. Paul H. McFarland (Surg) and COL E. Valkavich (Perio).

**Original "Hard List" prior to incorporation of additional surgical procedures as suggested by Dr. McFarland.

TABLE 4

DOLLAR VALUE OF EXPANDED "HARD PROCEDURES"*
1ST QTR 80 - HSC COMMAND SUMMARY

Dollar value of additional procedures*	\$ 2,046,275.00
Dollar value of 54 item hard procedure list	18,064,251.34
Dollar value of prophys	<u>1,765,235.65</u>
Total value of service	\$ 21,875,761.99

*Indicate procedures suggested by Dr. McFarland.

TABLE 5

DOLLAR VALUE FOR TOTAL PROCEDURES REPORTED* 1ST QTR
80 - HSC COMMAND SUMMARY

Dollar Value \$ 33,768,064.39

*Based on 168 procedures for which fees were derived.

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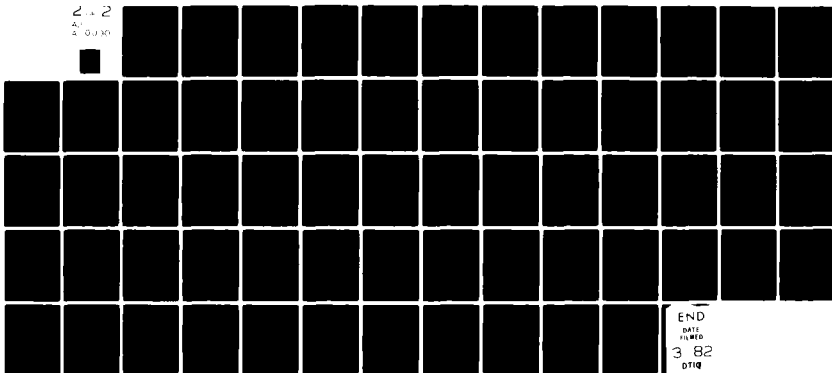
ACADEMY OF HEALTH SCIENCES (ARMY) FORT SAM HOUSTON TX--ETC F/G 6/5
EVALUATION OF CURRENTLY USED DENTAL MANAGEMENT INDICATORS AND D--ETC(U)
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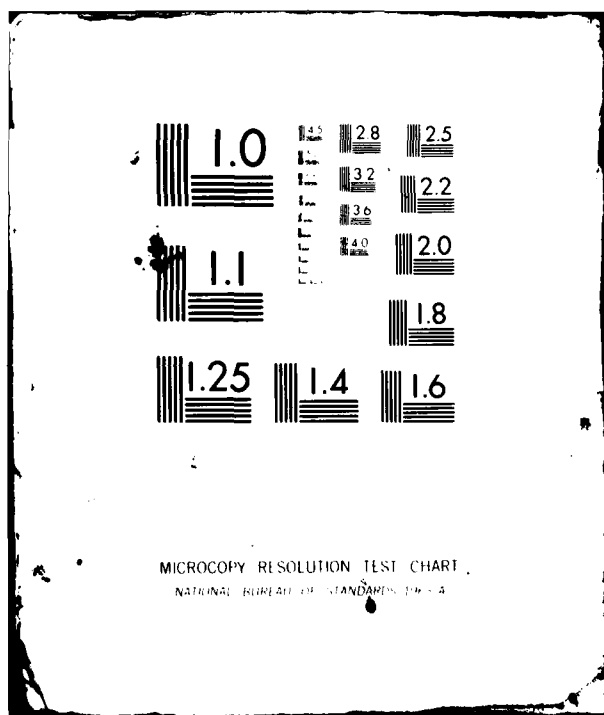


TABLE 6

PERCENT OF "HARD PROCEDURE" DOLLAR VALUE
BY CATEGORY OF CARE

	<u>Hard Procedure Original</u>	<u>Profile with Added Surgery</u>
Restorative	31%	27%
Endodontics	6%	5%
Periodontic	10%	9%
Prosthodontics, Removable	12%	10%
Prosthodontics, Fixed	19%	17%
Oral and Maxillofacial Surgery	23%	31%

TABLE 7

"HARD PROCEDURE" PROFILE BY CATEGORY OF PROCEDURES
USING VARIOUS INDICATOR SYSTEMS

	<u>Weighted Hard Procedures</u>	<u>Dollar Value (with added surg)</u>
Restorative	51%	31% (27%)
Endodontics	7%	6% (5%)
Periodontics	12%	10% (9%)
Prosthodontics, Removable	7%	12% (10%)
Prosthodontics, Fixed	12%	19% (17%)
Oral and Maxillofacial Surgery	11%	23% (31%)

Table C

Dollar Value Profile for Services Reported

	<u>GROUP FREQ.</u>	<u>CUMULATIVE FREQ.</u>	<u>PERCENT OF TOTAL VALUE</u>
1 to 10 =	13,494,821.53 ✓	13,494,821.53 ✓	40%
11 to 20 =	6,697,879.06 ✓	20,192,700.59 ✓	54% 60% ⁷⁰
¹ 25 to ²⁵ 50 =	2,433,696.55 ✓	22,626,397.14 ✓	68% 67% ⁷⁰
26 to 50	6,937,005.29 ✓	29,563,402.43 ✓	89% ⁷⁰
51 to 75 =	2,432,629.41 ✓	31,996,031.84 ✓	⁹⁶ 90% 95%
76 to 100 =	1,129,523.37 ✓	¹²⁵ 33,125,555.21 ✓	98%
101 to 168 =	642,510.18	⁶⁸ 33,768,065.39	100%

Procedures ordered by frequency of use.

1-58 = 30,492,519.64 or 90% of Total Dollar Value

⁵
1-76 = ~~30,989,321.84~~ 31,996,031.84 or 95% of Total Dollar Value

Table 9

Dollar Value of Selected Care Categories

	<u>Dollar Value</u>	<u>Codes</u>
Restorative	5,459,433.44	2140,2150,2160 2161,2320,2336
Extractions	2,487,873.50	7110,7120,7130
Endodontics (Teeth Completed)	1,207,754.95	3311,3312,3321 3322,3323,3331 3332,3333,3334
Crowns	1,753,243.10	6750,6780,6790 6718
Bridges	1,678,742.94	6130,6150,6160 6201,6240
Removable Pros.	2,064,570.56	5110,5120,5130 5140,5201,5202 5203,5204,5205 5206
Periodonties	1,658,066.70	4210,4220,4260 4271,4343

TABLE 10

Cost Information
HSC 1st QTR, FY 80

Military Pay	\$ 12,111,000
Civilian Pay	6,163,000
Supplies	<u>1,249,400</u>
TOTAL	\$ 19,523,400

Table 11

Comparision of Dollar Values for various indicators of performance

	Dollar Value Per Patient Treated	Dollar Value Per Raw Procedure	Dollar Value Per WTD Procedure	Dollar Value Per Assigned DC	Dollar Value Per Assigned Pers
HSC	46.88	7.10	9.41	29,010.00	8,090.00
A	49.46	7.06	9.21	34,013.00	9,688.00
B	48.26	7.91	10.35	37,341.00	13,069.00

TOTAL CTV'S BY DENTAC

	<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	91471.6	3588761.8	0.0255	Leonard Wood	148052.1	3588761.8	0.0413
Belvoir	53311.0		0.0149	Lewis	137231.5		0.0382
Benning	173645.8		0.0484	Mc Clellan	47010.6		0.0131
Bliss	128978.5		0.0359	Meade	103266.6		0.0288
Bragg	230195.1		0.0641	Monmouth	25898.2		0.0072
Campbell	141585.8		0.0395	Ord	136041.3		0.0379
Canal Zone	76397.9		0.0213	Polk	101262.2		0.0282
Carson	105093.0		0.0293	Presidio of SF	43316.5		0.0121
Devens	49931.3		0.0139	Redstone	40692.8		0.0113
Dix	86821.8		0.0242	Riley	117483.9		0.0327
Eustis	59804.1		0.0167	Rucker	60197.1		0.0168
Fitzsimons	26416.1		0.0074	Sam Houston	72422.1		0.0202
Gordon	182236.9		0.0508	Sheridan	11013.5		0.0031
Hood	219234.3		0.0611	Sill	140414.8		0.0391
Huachuca	81199.7		0.0226	Stewart	75674.6		0.0211
Jackson	108080.1		0.0301	Hawaii	101045.8		0.0282
Knox	147902.6		0.0412	Walter Reed	134808.0		0.0376
Leavenworth	47692.6		0.0133	West Point	30528.5		0.0085
Lee	52403.5		0.0146				

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEMS ANALYSIS

2ND QTR FY 1980

TOP 100 CTV's

2ND QTR FY 1980

			CUMULATIVE CTV's	PERCENT OF TOTAL CTV's
1	to	10	= 1,801,052.0	47
11	to	20	= 2,473,897.4	64
21	to	25	= 2,667,361.5	70
26	to	50	= 3,300,970.5	86
51	to	75	= 3,518,166.0	92
76	to	100	= 3,642,985.2	95
TOTAL CTV's			3,837.038.7	

	CODE	PROCEDURE DESCRIPTION	NUMBER USED	DOLLAR VALUE	
1.	00330	Panoramic Film	110217	20.00	2,204,340.00
2.	01110	Adult Prophylaxis	95718	17.00	1,627,206.00
3.	00120	Oral Exam (annual or periodic)	227430	7.00	1,592,010.00
4.	02150	Amalgam - Two Surface	72282	22.00	1,590,204.00
5.	02140	Amalgam - One Surface	106219	14.00	1,487,066.00
6.	07130	Tooth Removal, Impacted	16112	75.00	1,208,400.00
7.	00220	Intraoral Film	436891	2.50	1,092,227.50
8.	06750	Porcelain Fused to Metal	4096	230.00	942,080.00
9.	02160	Amalgam - Three Surface	30156	29.00	874,524.00
0.	04343	Periodontal Scaling & Root Planing	44761	19.00	850,459.00
					13,468,516.50
11.	01240	Topical Application	81485	10.00	814,850.00
2.	07110	Tooth Removal	53017	15.00	795,255.00
3.	06790	Complete Crown Metal	3225	190.00	612,750.00
14.	02320	Resin, Simple	33348	18.00	600,264.00
15.	06240	Porcelain Fused to Metal	2560	230.00	588,800.00
6.	06130	Porcelain Fused to Metal	2474	230.00	569,020.00
17.	00210	Intraoral Series	19014	27.00	513,378.00
18.	02161	Amalgam - Four or more Surface	13838	37.00	512,006.00
9.	05110	Maxillary Full Denture	1538	320.00	492,160.00
20.	04210	Gingivectomy/Gingivoplasty	4549	107.00	486,743.00
					5,985,226.00
					19,453,742.50
21.	02336	Resin, Complex	17968	26.00	467,168.00
22.	07310	Alveoloplasty with Extractions	8092	50.00	404,600.00
23.	03311	Anterior - One Canal Filled	3511	115.00	403,765.00
24.	03333	Molar - Three Canals Filled	2053	190.00	390,007.00
25.	07120	Tooth Removal, Complicated	14675	26.00	381,550.00
					2,047,090.00
					21,500,832.50
26.	04331	Occlusal Adjustment, Complete	4348	85.00	369,580.00
27.	05206	Cast Metal Mandibular Resin	1093	320.00	349,760.00
28.	07462	Removal of Non-Odontogenic Cyst/Tumor	869	400.00	347,600.00
29.	04260	Osseous Resective Surgery	2194	150.00	329,100.00
30.	07470	Removal of Exostoses	1074	300.00	322,200.00
31.	06160	Complete Crown Metal	1732	185.00	320,420.00
32.	05205	Cast Metal Maxillary Resin	896	320.00	286,720.00
33.	05120	Mandibular Full Denture	852	320.00	272,640.00
34.	00140	Comprehensive Examination	38885	7.00	272,195.00
35.	01120	Child Prophylaxis	14053	13.00	187,489.00
36.	05201	Resin Maxillary Partial Denture	1049	170.00	178,330.00
37.	00250	Extraoral Film	6755	25.00	168,875.00
38.	07721	Mandibular Osteotomy, Ramus	111	1,400.00	155,400.00
39.	05204	Cast Metal Mandibular Partial Denture	464	320.00	148,480.00
40.	06718	Dowel and Core Metal	2259	65.00	146,835.00
41.	03321	Premolar - One Canal Filled	970	145.00	140,650.00
42.	02953	Pin Retention	17538	8.00	140,304.00
43.	03334	Molar - Four or more Canals Filled	651	190.00	123,690.00
44.	04363	Other Periodontal Appliances	818	150.00	122,700.00
45.	05203	Cast Metal Maxillary Partial Denture	358	320.00	114,560.00
46.	03322	Premolar - Two Canals Filled	773	145.00	112,085.00
47.	07520	Biopsy	2395	45.00	107,775.00
48.	07320	Alveoloplasty	2155	50.00	107,750.00
49.	06201	Cast Metal (Pontic)	567	185.00	104,895.00
50.	06780	Partial Veneer, Metal	560	185.00	103,600.00
					5,028,833.00
					26,529,665.50

	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>	
51.	05130	Immediate Maxillary Full Denture	318	320.00	101,760.00
52.	03220	Pulpotomy - Permanent	3900	25.00	97,500.00
53.	07722	Mandibular Osteotomy, Body	66	1,400.00	92,400.00
54.	04271	Free Soft Tissue Graft	472	195.00	92,040.00
55.	07712	Maxillary Osteotomy, Segmental	111	800.00	88,800.00
56.	04220	Gingival Curettage	6513	13.00	84,669.00
57.	07815	Myofascial Pain Dysfunction	328	250.00	82,000.00
58.	05621	Partial Denture Repair	2815	27.00	76,005.00
59.	03332	Molar - Two Canals Filled	381	190.00	72,390.00
60.	07530	Removal of Foreign Body	352	200.00	70,400.00
61.	05202	Resin Mandibular Partial Denture	398	170.00	67,660.00
62.	04261	Osseous Graft	283	225.00	63,675.00
63.	07711	Maxillary Osteotomy, Total	47	1,350.00	63,450.00
64.	05731	Reline Complete Maxillary (chairside)	1163	54.00	62,802.00
65.	02910	Recement Inlay, Crown or Fixed Partial DTR	5212	12.00	62,544.00
66.	06710	Acrylic Resin (processed)	752	80.00	60,160.00
67.	06150	Partial Veneer, Metal	325	180.00	58,500.00
68.	07835	Mandibular Manipulation	542	100.00	54,200.00
69.	03331	Molar - One Canal Filled	273	190.00	51,870.00
70.	07285	Bone Graft or Osseous Implant	54	950.00	51,300.00
71.	04272	Vestibuloplasty	246	195.00	47,970.00
72.	07640	Mandible, Closed Reduction	103	450.00	46,350.00
73.	04351	Root Desensitization	2889	15.00	43,335.00
74.	05611	Complete Denture Repair	1561	27.00	42,147.00
75.	09231	Intravenous Sedation or Analgesia	2174	18.00	39,132.00
					1,673,059.00
					28,202,724.50
76.	05751	Reline Complete Maxillary (laboratory)	441	88.00	38,808.00
77.	08121	Space Maintainer, Complex Fixed	386	100.00	38,600.00
78.	07681	Other Fracture Reduction	49	750.00	36,750.00
79.	09233	Inhalation Sedation or Analgesia	1937	18.00	34,866.00
80.	03210	Pulpotomy - Deciduous	1364	24.00	32,736.00
81.	04320	Provisional Splint, Intracoronal	212	150.00	31,800.00
82.	04361	Occlusal Orthopedic Appliance	293	100.00	29,300.00
83.	04321	Provisional Splint, Extracoronal	377	75.00	28,275.00
84.	08120	Space Maintainer, Simple Fixed	464	60.00	27,840.00
85.	07755	Augmentation, Contouring, Reduction	40	650.00	26,000.00
86.	07630	Mandible, Open Reduction	36	650.00	23,400.00
87.	07480	Partial Resection, Maxilla or Mandible	21	1,100.00	23,100.00
88.	05741	Reline Removable Partial Maxillary (chairside)	425	54.00	22,950.00
89.	07350	Stomatoplasty, Complicated	54	400.00	21,600.00
90.	07340	Stomatoplasty, Uncomplicated	105	200.00	21,000.00
91.	07281	Skin or Mucosal Graft	19	1,100.00	20,900.00
92.	07680	Facial Bone Fracture	18	1,100.00	19,800.00
93.	03340	Deciduous Root Canal Filling	165	116.00	19,140.00
94.	05732	Reline Complete Mandibular (chairside)	348	54.00	18,792.00
95.	06740	Porcelain Jacket Crown	96	195.00	18,720.00
96.	09220	General Anesthesia	456	40.00	18,240.00
97.	04270	Pedicle Soft Tissue Graft	143	125.00	17,875.00
98.	06610	Replace broken Facing	566	30.00	16,980.00
99.	05752	Reline Complete Mandibular (laboratory)	161	88.00	14,168.00
100.	07560	Maxillary Sinusotomy	35	400.00	14,000.00
					615,640.00
					28,818,364.50

	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>	
01.	05140	Immediate Mandibular	43	320.00	13,760.00
02.	07651	Zygomatic Complex Fracture	21	650.00	13,650.00
03.	05742	Reline Removable Partial Mandibular (chairside)	238	54.00	12,852.00
04.	07610	Maxilla, Open Reduction	15	750.00	11,250.00
05.	07620	Maxilla, Closed Reduction	28	400.00	11,200.00
06.	07405	Salivary Gland Surgery	35	300.00	10,500.00
07.	05763	Rebase Complete Maxillary (laboratory)	118	88.00	10,384.00
08.	03312	Anterior - Two Canals Filled	86	115.00	9,890.00
09.	06760	Reverse Pin Facing and Metal	43	220.00	9,460.00
10.	03323	Premolar - Three or more Canals Filled	64	147.00	9,408.00
11.	07960	Frenectomy	207	45.00	9,315.00
112.	05814	Overdenture Immediate Maxillary	29	320.00	9,280.00
113.	04371	Root Amputation	80	100.00	8,000.00
114.	07432	Excision, Benign Tumor	128	50.00	6,400.00
115.	06713	Acrylic Resin, Metal	31	200.00	6,200.00
116.	07150	Surgical Exposed Tooth	192	31.00	5,952.00
117.	07270	Oral-Antral Fistula or Comm. Repair	23	200.00	4,600.00
118.	08220	Habit Breaker, Fixed	39	100.00	3,900.00
119.	05862	Overdenture, Maxillary	12	320.00	3,840.00
120.	05764	Rebase Complete Mandibular (laboratory)	43	88.00	3,784.00
121.	07811	Reduction of Dislocation	18	200.00	3,600.00
122.	05815	Overdenture Immediate Mandibular	10	320.00	3,200.00
123.	06110	Acrylic Resin, Metal	15	200.00	3,000.00
124.	07845	Temporomandibular Joint Surgery	11	250.00	2,750.00
125.	05867	Overdenture Immediate Mandibular Rem PTR DTR	8	320.00	2,560.00
126.	05762	Reline Removable Partial Mandibular (laboratory)	30	75.00	2,250.00
127.	05711	Maxillary Duplicate Denture	7	320.00	2,240.00
128.	05863	Overdenture Mandibular	6	320.00	1,920.00
129.	05864	Overdenture Partial Maxillary	6	320.00	1,920.00
130.	06203	Porcelain Pontic	10	190.00	1,900.00
131.	05765	Rebase Removable Partial Maxillary (laboratory)	25	75.00	1,875.00
132.	06204	Acrylic Veneered Pontic	9	200.00	1,800.00
133.	02521	Inlay - Two Surface	14	128.00	1,792.00
134.	02542	Pinledge Restoration	10	178.00	1,780.00
135.	05761	Reline Removable Partial Maxillary (laboratory)	22	75.00	1,650.00
136.	06140	Reverse Pin Facing and Metal	7	220.00	1,540.00
137.	07465	Destruction of Lesions	26	50.00	1,300.00
138.	05866	Overdenture Immediate Maxillary Rem PTR DTR	4	320.00	1,280.00
139.	05766	Rebase Removable Partial Mandibular (lab)	14	75.00	1,050.00
140.	05865	Overdenture Partial Mandibular	3	320.00	960.00
141.	06220	Slotted Facing or Pontic	5	175.00	875.00
142.	05210	With Metal Occlusal, Partial Denture	2	320.00	640.00
143.	05220	With Amalgam Occlusal Partial Denture	2	320.00	640.00
144.	02541	Inlay - Cusp Coverage	16	26.00	416.00
145.	02511	Inlay - One Surface	1	96.00	96.00
					216,659.00
					29,035.023.50

RESTRICTED HARD PROCEDURES

2nd QTR FY80

	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NO. USED</u>	<u>DOLLAR VALUE</u>
1.	02150	Amalgam - Two Surface	72282	22.00 1,590,204.00
2.	02140	Amalgam - One Surface	106219	14.00 1,487,066.00
3.	07130	Tooth Removal, Impacted	16112	75.00 1,208,400.00
4.	06750	Porcelain Fused to Metal	4096	230.00 942,080.00
5.	02160	Amalgam - Three Surface	30156	29.00 874,524.00
6.	04343	Periodontal Scaling & Root Planing	44761	19.00 850,459.00
7.	07110	Tooth Removal	53017	15.00 795,255.00
8.	06790	Complete Crown Metal	3225	190.00 612,750.00
9.	02320	Resin, Simple	33348	18.00 600,264.00
10.	06240	Porcelain Fused to Metal	2560	230.00 588,800.00
11.	06130	Porcelain Fused to Metal	2474	230.00 569,020.00
12.	02161	Amalgam - Four or more Surface	13838	39.00 512,006.00
13.	05110	Maxillary Full Denture	1538	320.00 492,160.00
14.	04210	Gingivectomy/Gingivoplasty	4549	107.00 486,743.00
15.	02336	Resin, Complex	17968	26.00 467,168.00
16.	03311	Anterior - One Canal Filled	3511	115.00 403,765.00
17.	03333	Molar - Three Canals Filled	2053	190.00 390,007.00
18.	07120	Tooth Removal, Complicated	14675	26.00 381,550.00
19.	05206	Cast Metal Mandibular Resin	1093	320.00 349,760.00
20.	07462	Removal of Non-Odontogenic Cyst/Tumor	869	400.00 347,600.00
21.	04260	Osseous Resective Surgery	2194	150.00 329,100.00
22.	07470	Removal of Exostoses	1074	300.00 322,200.00
23.	06160	Complete Crown Metal	1732	185.00 320,420.00
24.	05205	Cast Metal Maxillary Resin	896	320.00 286,720.00
25.	05120	Mandibular Full Denture	852	320.00 272,640.00
26.	05201	Resin Maxillary Partial Denture	1049	170.00 178,330.00
27.	05204	Cast Metal Mandibular	464	320.00 148,480.00
28.	06718	Dowel and Core Metal	2259	65.00 146,835.00
29.	03321	Premolar - One Canal Filled	970	145.00 140,650.00
30.	03334	Molar - Four or more Canals Filled	651	190.00 123,690.00
31.	05203	Cast Metal Maxillary	358	320.00 114,560.00
32.	03322	Premolar - Two Canals Filled	773	145.00 112,085.00
33.	07520	Biopsy	2395	45.00 107,775.00
34.	07320	Alveoloplasty	2155	50.00 107,750.00
35.	06780	Partial Veneer, Metal	560	185.00 103,600.00
36.	05130	Immediate Maxillary Full Denture	318	320.00 101,760.00
37.	04271	Free Soft Tissue Graft	472	195.00 92,040.00
38.	04220	Gingival Curettage	6513	13.00 84,669.00
39.	03332	Molar - Two Canals Filled	381	190.00 72,390.00
40.	05202	Resin Mandibular Partial Denture	398	170.00 67,600.00
41.	04261	Osseous Graft	283	225.00 63,675.00
42.	06150	Partial Veneer, Metal	325	180.00 58,500.00
43.	03331	Molar - One Canal Filled	273	190.00 56,870.00
44.	04272	Vestibuloplasty	246	195.00 47,970.00
45.	07640	Mandible, Closed Reduction	103	450.00 46,350.00
46.	07630	Mandible, Open Reduction	36	650.00 23,400.00
47.	05140	Immediate Mandibular	43	320.00 13,700.00
48.	07610	Maxilla, Open Reduction	15	750.00 11,250.00
49.	03312	Anterior - Two Canals Filled	86	115.00 9,890.00
50.	03323	Premolar - Three or more Canals Filled	64	147.00 9,408.00
51.	07960	Frenectomy	207	45.00 9,315.00
				17,528,323.00

1st QTR FY80

BY MG KUTIAS FEE SCALE

1	to	10	12,704,146.50	
11	to	20	18,495,623.50	
21	to	25	20,459,156.50	
				----- 90% = 24,739,094.25
26	to	50	25,076,647.50	
				----- 95% = 26,113,488.37
51	to	75	26,689,492.50	
76	to	100	27,284,651.50	
101	to	146	27,487,882.50	

2nd QTR FY80

BY MG KUTIAS FEE SCALE

1	to	10	13,468,516.50	
11	to	20	19,453,742.50	
21	to	25	21,500,832.50	
				----- 90% = 26,131,521.15
26	to	50	26,529,665.50	
				----- 95% = 27,583,272.32
51	to	75	28,202,724.50	
76	to	100	28,818,364.50	
101	to	145	29,035,023.50	

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEM ANALYSIS

3RD QTR FY80

3rd QTR FY80

CODE	PROCEDURE DESCRIPTION	NUMBER USED	DOLLAR VALUE	
1.	00330 Panoramic Film	104442	20.00	2,088,840.00
.	01110 Adult Prophylaxis	105095	17.00	1,786,615.00
3.	02150 Amalgam - Two Surface	74064	22.00	1,629,408.00
4.	00120 Oral Exam (Annual or Periodic)	231433	7.00	1,620,031.00
.	02140 Amalgam - One Surface	110784	14.00	1,550,976.00
6.	07130 Tooth Removal, Impacted	17119	75.00	1,283,925.00
7.	06750 Porcelain Fused to Metal	4972	230.00	1,143,560.00
.	00220 Intraoral Film	430641	2.50	1,076,602.50
..	01240 Topical Application	89635	10.00	896,350.00
10.	02160 Amalgam - Three Surface	30237	29.00	876,873.00
				13,953,180.50
1 .	07110 Tooth Removal	56327	15.00	844,905.00
12.	04343 Perio Scaling and Root Planing	41824	19.00	794,656.00
12.	06130 Porcelain Fused to Metal	3078	230.00	707,940.00
1 .	06240 Porcelain Fused to Metal	2985	230.00	686,550.00
15.	06790 Complete Crown Metal	3567	190.00	677,730.00
16.	02320 Resin, Simple	33315	18.00	599,670.00
1 .	02161 Amalgam - Four or more Surface	14368	37.00	531,616.00
16.	05110 Maxillary Full Denture	1643	320.00	525,760.00
19.	02336 Resin, Complex	19771	26.00	514,046.00
2 .	05206 Cast Metal Mandibular Resin	1376	320.00	440,320.00
				6,323,193.00
				20,276,373.50
2 .	04210 Gingivectomy/Gingivoplasty	4075	107.00	436,025.00
2 .	07310 Alveoloplasty with Extractions	8649	50.00	432,450.00
23.	04331 Occlusal Adjustment, Complete	4610	85.00	391,850.00
24.	07120 Tooth Removal, Complicated	14856	26.00	386,256.00
2 .	06160 Complete Crown Metal	2066	185.00	382,210.00
				2,028,791.00
				22,305,164.50
2 .	03311 Anterior - One Canal Filled	3174	115.00	365,010.00
2 .	07462 Removal of Non-Odontogenic Cyst/Tumor	910	400.00	364,000.00
28.	00210 Intraoral Film Series	13059	27.00	352,593.00
2 .	05205 Cast Metal Maxillary Resin	1078	320.00	344,960.00
3 .	04260 Osseous Resective Surgery	2286	150.00	342,900.00
31.	03333 Molar - Three Canals Filled	1792	190.00	340,480.00
32.	05120 Mandibular Full Denture	920	320.00	294,400.00
3 .	07470 Removal of Exostoses	944	300.00	283,200.00
34.	00140 Comprehensive Exam	33843	7.00	236,901.00
35.	05201 Resin Maxillary Partial Denture	1053	170.00	179,010.00
3 .	01120 Child Prophylaxis	13556	13.00	176,228.00
37.	07721 Mandibular Osteotomy	127	1,400.00	177,800.00
38.	00250 Extraoral Film	6734	25.00	168,350.00
3 .	06718 Dowel and Core Metal	2312	65.00	150,280.00
40.	05204 Cast Metal Mandibular Partial Denture	434	320.00	138,880.00
41.	02953 Pin Retention	17256	8.00	138,048.00
4 .	07712 Maxillary Osteotomy, Segmental	172	800.00	137,600.00
4 .	07711 Maxillary Osteotomy, Body	99	1,350.00	133,650.00
44.	03321 Premolar - One Canal Filled	910	145.00	131,950.00
45.	05203 Cast Metal Maxillary Resin	394	320.00	126,080.00
46.	06201 Cast Metal (Pontic)	657	185.00	121,545.00
47.	03322 Premolar - Two Canals Filled	818	145.00	118,610.00
48.	07520 Biopsy	2626	45.00	118,170.00
49.	07815 Myofascial Pain Dysfunction	470	250.00	117,500.00
50.	05130 Immediate Maxillary Full Denture	360	320.00	115,200.00
				5,173,345.00
				27,478,509.50

CODE	PROCEDURE DESCRIPTION	NUMBER USED	DOLLAR VALUE	
51.	03334 Molar - Four or more Canals Filled	604	190.00	114,760.00
52.	04363 Other Periodontal Appliances	711	150.00	106,650.00
53.	03220 Pulpotomy - Permanent	3982	25.00	99,550.00
54.	06780 Partial Veneer, Metal	534	185.00	98,790.00
55.	07722 Mandibular Osteotomy, Body	70	1,400.00	98,000.00
56.	04220 Gingival Curretage	7340	13.00	95,420.00
57.	07320 Alveoloplasty	1859	50.00	92,950.00
58.	04271 Free Soft Tissue Graft	455	195.00	88,725.00
59.	05621 Partial Denture Repair	2854	27.00	77,058.00
60.	05202 Resin Mandibular	451	170.00	76,670.00
61.	05731 Reline Complete Maxillary Denture Chairside	1328	54.00	71,712.00
62.	02910 Recement Inlay, Crown, Fixed Partial Denture	5742	12.00	68,904.00
63.	06150 Partial Veneer, Metal	351	180.00	63,180.00
64.	03332 Molar - Two Canals Filled	310	190.00	58,900.00
65.	07640 Mandible, Closed Reduction	127	450.00	57,150.00
66.	06710 Acrylic Resin Processed	701	80.00	56,080.00
67.	04272 Vestibuloplasty	286	195.00	55,770.00
68.	03331 Molar - One Canal Filled	291	190.00	55,290.00
69.	07530 Removal of Foreign Body	269	200.00	53,800.00
70.	04261 Osseous Graft	231	225.00	51,975.00
71.	07835 Mandibular Manipulation	468	100.00	46,800.00
72.	08121 Space Maintainer, Complex Fixed	466	100.00	46,600.00
73.	05611 Complete Denture Repair	1719	27.00	46,413.00
74.	09231 Intravenous Sedation or Analgesia	2460	18.00	44,280.00
75.	07560 Maxillary Sinusotomy	110	400.00	44,000.00
				1,769,427.00
				29,247,936.50
76.	09233 Inhalation Sedation or Analgesia	2341	18.00	42,138.00
77.	03210 Pulpotomy Deciduous	1578	24.00	37,872.00
78.	05751 Reline Complete Maxillary Denture Laboratory	427	88.00	37,576.00
79.	05741 Reline Removable PTR Maxillary Chairside	550	54.00	29,700.00
80.	04351 Root Desensitization	1971	15.00	29,565.00
81.	03340 Deciduous Root Canal Filling	232	116.00	26,912.00
82.	08120 Space Maintainer, Simple Fixed	441	60.00	26,460.00
83.	07755 Augmentation, Contouring, Reduction	40	650.00	26,000.00
84.	07285 Bone Graft or Osseous Implant	27	950.00	25,650.00
85.	05732 Reline Complete Mandibular Denture Chairside	460	54.00	24,840.00
86.	07630 Mandible, Open Reduction	35	650.00	22,750.00
87.	07681 Other Fracture Reduction	30	750.00	22,500.00
88.	07280 Skin or Mucosal Graft	20	1,100.00	22,000.00
89.	07651 Zygomatic Complex Fracture	33	650.00	21,450.00
90.	05752 Reline Complete Mandibular Denture Laboratory	236	88.00	20,768.00
91.	04321 Provisional Splint, Extracoronary	264	75.00	19,800.00
92.	04361 Occlusal Orthopedic Appliance	181	100.00	18,100.00
93.	07680 Facial Bone Fracture	16	1,100.00	17,600.00
94.	07350 Stomatoplasty, Complicated	43	400.00	17,200.00
95.	09220 General Anesthesia	401	40.00	16,040.00
96.	06740 Porcelain Jacket Crown	79	195.00	15,405.00
97.	06610 Replace Broken Facing	509	30.00	15,270.00
98.	07610 Maxilla, Open Reduction	20	750.00	15,000.00
99.	05140 Immediate Mandibular Complete Denture	45	320.00	14,400.00
100.	04270 Pedicle Soft Tissue Graft	109	125.00	13,625.00
				578,621.00
				29,826,557.50

CODE	PROCEDURE DESCRIPTION	NUMBER USED	DOLLAR VALUE	
101.	05742 Reline Removable PTR Mandibular Chairside	249	54.00	13,446.00
102.	07960 Frenectomy	287	45.00	12,915.00
103.	03312 Anterior - Two or more Canals Filled	111	115.00	12,765.00
104.	07405 Salivary Gland Surgery	39	300.00	11,700.00
105.	04320 Provisional Splint, Intracoronal	76	150.00	11,400.00
106.	05763 Rebase Complete Maxillary Denture Laboratory	124	88.00	10,912.00
107.	07150 Surgical Exposed, Tooth	239	31.00	9,083.00
108.	07341 Stomatoplasty, Uncomplicated	45	200.00	9,000.00
109.	07480 Partial Resection, Maxillary/Mandibular	8	1,100.00	8,800.00
110.	07432 Excision, Benign Tumor	159	50.00	7,950.00
111.	07620 Maxilla, Closed Reduction	19	400.00	7,600.00
112.	03323 Molar - Two Canals Filled	49	147.00	7,203.00
113.	04371 Root Amputation	65	100.00	6,500.00
114.	06203 Porcelain Pontic	34	190.00	6,460.00
115.	06760 Reverse Pin Facing and Metal	28	220.00	6,160.00
116.	08220 Habit Breaker, Fixed	61	100.00	6,100.00
117.	06204 Acrylic Veneered Pontic	30	200.00	6,000.00
118.	05862 Overdenture, Maxillary	17	320.00	5,440.00
119.	07845 Temporomandibular Joint Surgery	20	250.00	5,000.00
120.	05863 Overdenture, Mandibular	15	320.00	4,800.00
121.	05711 Maxillary Duplicate Denture	14	320.00	4,480.00
122.	05814 Overdenture, Maxillary Immediate	13	320.00	4,160.00
123.	07270 O-A Fistula or Communication Repair	20	200.00	4,000.00
124.	06713 Acrylic Resin, Veneered Crown	41	200.00	2,800.00
125.	05764 Rebase Complete Mandibular Laboratory	30	88.00	2,640.00
126.	06140 Reverse Pin Facing and Metal	12	220.00	2,640.00
127.	06220 Slotted Facing or Pontic	14	175.00	2,450.00
128.	05210 Partial Denture, Cast Metal Occlusal	7	320.00	2,240.00
129.	07811 Reduction of Dislocation	11	200.00	2,200.00
130.	02531 Inlay - Three Surface	14	156.00	2,184.00
131.	06864 Overdenture, Partial, Maxillary	6	320.00	1,920.00
132.	05762 Reline Removable PTR Mandibular Laboratory	22	75.00	1,650.00
133.	05815 Overdenture, Maxillary Immediate	5	320.00	1,600.00
134.	05866 Overdenture, Maxillary Removable PTR Immediate	5	320.00	1,600.00
135.	06110 Acrylic Resin, Veneered Crown	7	200.00	1,400.00
136.	05765 Rebase Removable PTR Maxillary Laboratory	17	75.00	1,275.00
137.	02521 Inlay - Two Surface	9	128.00	1,152.00
138.	05761 Reline Removable PTR Maxillary Laboratory	14	75.00	1,050.00
139.	07880 Arthrocentesis, Arthrography, Injection	10	100.00	1,000.00
140.	05816 Overdenture, Maxillary, Metal	2	320.00	640.00
141.	07465 Destruction of Lesions	10	50.00	500.00
142.	05766 Rebase Removable PTR Mandibular Laboratory	6	75.00	450.00
143.	05220 Partial Denture with Amalgam Occlusal	1	320.00	320.00
144.	05865 Overdenture, Partial, Mandibula	1	320.00	320.00
145.	05867 Overdenture, Mandibular Removable PTR Immediate	1	320.00	320.00
146.	02541 Onlay Cusp Coverage	11	26.00	286.00
				214,511.00
				30,041,068.50

1st QTR FY80

1 to 10	12,704,146.50	
11 to 20	18,495,623.50	
21 to 25	20,459,156.50	
26 to 50	25,076,647.50	-----90% = 24,739,094.25
51 to 75	26,689,492.50	-----95% = 26,113,488.37
76 to 100	27,284,651.50	
101 to 146	27,487,882.50	

2nd QTR FY80

1 to 10	13,468,516.50	
11 to 20	19,453,742.50	
21 to 25	21,500,832.50	
26 to 50	26,529,665.50	-----90% = 26,131,521.15
51 to 75	28,202,724.50	-----95% = 27,583,272.32
76 to 100	28,818,364.50	
101 to 145	29,035,023.50	

3rd QTR FY80

1 to 10	13,953,180.50	
11 to 20	20,276,373.50	
21 to 25	22,305,164.50	
26 to 50	27,478,509.50	-----90% = 27,036,961.65
51 to 75	29,247,936.50	-----95% = 28,539,015.07
76 to 100	29,826,557.50	
101 to 146	30,041,068.50	

RESTRICTED HARD PROCEDURES

3rd QTR FY80

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>
1.	02150 Amalgam - Two Surface	74064	22.00 1,629,408.00
2.	02140 Amalgam - One Surface	110784	14.00 1,550,976.00
3.	07130 Tooth Removal, Impacted	17119	75.00 1,283,925.00
4.	06750 Porcelain Fused to Metal	4972	230.00 1,143,560.00
5.	02160 Amalgam - Three Surface	30273	29.00 876,873.00
6.	07110 Tooth Removal	56327	15.00 844,905.00
7.	04343 Perio Scaling and Root Planing	41824	19.00 794,656.00
8.	06130 Porcelain Fused to Metal	3078	230.00 707,940.00
9.	06240 Porcelain Fused to Metal	2985	230.00 686,550.00
10.	06790 Complete Crown Metal	3567	190.00 677,730.00
11.	02320 Resin, Simple	33315	18.00 599,670.00
12.	02161 Amalgam - Four or more Surface	14368	37.00 531,616.00
13.	05110 Maxillary Full Denture	1643	320.00 525,760.00
14.	02336 Resin, Complex	19771	26.00 514,046.00
15.	05206 Cast Metal Mandibular Resin	1376	320.00 440,320.00
16.	04210 Gingivectomy/Gingivoplasty	4075	107.00 436,025.00
17.	07120 Tooth Removal, Complicated	14856	26.00 386,256.00
18.	06160 Complete Crown Metal	2066	185.00 382,210.00
19.	03311 Anterior - One Canal Filled	3174	115.00 365,010.00
20.	07462 Removal of Non-Odontogenic Cyst/Tumor	910	400.00 364,000.00
21.	05205 Cast Metal Maxillary Resin	1078	320.00 344,960.00
22.	04260 Osseous Resective Surgery	2286	150.00 342,900.00
23.	03333 Molar - Three Canals Filled	1792	190.00 340,480.00
24.	05120 Mandibular Full Denture	920	320.00 294,400.00
25.	07470 Removal of Exostoses	944	300.00 283,200.00
26.	05201 Resin Maxillary Partial Denture	1053	170.00 179,010.00
27.	06718 Dowel and Core Metal	2312	65.00 150,280.00
28.	05204 Cast Metal Mandibular	434	320.00 138,880.00
29.	03321 Premolar - One Canal Filled	910	145.00 131,950.00
30.	05203 Cast Metal Maxillary	394	320.00 126,080.00
31.	03322 Premolar - Two Canals Filled	818	145.00 118,610.00
32.	07520 Biopsy	2626	45.00 118,170.00
33.	05130 Immediate Maxillary Full Denture	360	320.00 115,200.00
34.	03334 Molar - Four or more Canals Filled	604	190.00 114,760.00
35.	06780 Partial Veneer, Metal	534	185.00 98,790.00
36.	04220 Gingival Curettage	7340	13.00 95,420.00
37.	07320 Alveoloplasty	1859	50.00 92,950.00
38.	04271 Free Soft Tissue Graft	455	195.00 88,725.00
39.	05202 Resin Mandibular	451	170.00 76,670.00
40.	06150 Partial Veneer, Metal	351	180.00 63,180.00
41.	03332 Molar - Two Canals Filled	310	190.00 58,900.00
42.	07640 Mandible, Closed Reduction	127	450.00 57,150.00
43.	04272 Vestibuloplasty	286	195.00 55,770.00
44.	03331 Molar - One Canal Filled	291	190.00 55,290.00
45.	04261 Osseous Graft	231	225.00 51,975.00
46.	07630 Mandible, Open Reduction	35	650.00 22,750.00
47.	07610 Maxilla, Open Reduction	20	750.00 15,000.00
48.	05140 Immediate Mandibular Full Denture	45	320.00 14,400.00
49.	07960 Frenectomy	287	45.00 12,915.00
50.	03312 Anterior - Two Canals Filled	111	115.00 12,765.00
51.	03323 Premolar - Three or more Canals Filled	49	147.00 7,203.00
			18,420,169.00

DOLLAR VALUE PER CATEGORY

I	DIAGNOSTIC	5,543,317.50	18%
II	PREVENTIVE	2,859,193.00	10%
III	RESTORATIVE	5,913,163.00	20%
IV	ENDODONTICS	1,369,302.00	05%
V	PERIODONTICS	2,462,916.00	08%
VI	REMOVABLE PROSTHODONTICS	2,623,010.00	09%
VII	FIXED PROSTHODONTICS	4,146,450.00	14%
VIII	ORAL SURGERY	4,942,054.00	16%
IX	ORTHODONTICS	79,160.00	0.0026%
X	ADJUNCTIVE SERVICES	102,458.00	0.0034%
	TOTAL DOLLAR VALUE	30,041,068.50	

TOP 100 CTV's

3rd QTR FY80

	<u>CUMULATIVE CTV's</u>	<u>PERCENT OF TOTAL CTV's</u>
1 to 10	1,866,291.8	47 %
11 to 20	2,567,549.0	65 %
21 to 25	2,754,050.9	70 %
26 to 50	3,356,614.8	85 %
51 to 75	3,622,081.1	92 %
76 to 100	3,731,868.6	95 %
TOTAL CTV's	3,936,510.2	

THE FOLLOWING IS A COMPARISON OF TWO MEDIUM
SIZE DENTACS BY CATEGORY AND DOLLAR VALUE

		<u>POST A</u>	<u>POST B</u>
I	DIAGNOSTIC	198,496.50	230,724.50
II	PREVENTIVE	90,514.00	83,205.00
III	RESTORATIVE	252,142.00	63,555.00
IV	ENDODONTICS	60,988.00	68,163.00
V	PERIODONTICS	53,256.00	82,366.00
VI	R. PROSTHODONTICS	82,259.00	107,787.00
VII	F. PROSTHODONTICS	59,565.00	112,495.00
VIII	ORAL SURGERY	301,749.00	143,426.00
IX	ORTHODONTICS	4,660.00	2,500.00
X	ADJUNCTIVE SERVICES	7,006.00	2,232.00
	TOTAL	1,110,905.50	1,096,454.50

DIFFERENTIAL

DENTISTS..... +1

TOTAL PERSONNEL..... +11

TOTAL PROCEDURES..... +1,531

TOTAL CTV'S..... +3522.7

MILITARY STRENGTH SERVED.....+7,000

COST-DOLLAR VALUE COMPARISON*

HSC SUMMARY - FY80

<u>FY80</u>	<u>COST</u>	<u>DOLLAR VALUE</u>
1st QTR	\$ 19,115,000.00	\$ 27,487,882.00
2nd QTR	\$ 20,618,000.00	\$ 29,035,023.00
3rd QTR	\$ 18,193,000.00	\$ 30,041,068.00

* Cost obtained from MED-304 Report (Mil-Civ Personnel and Supplies)

Dollar Value obtained as shown in 3rd Qtr Analysis

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEM ANALYSIS

4TH QTR FY80

CODE	PROCEDURE DESCRIPTION	NO. USED	DOLLAR VALUE	
1. 00300	Panoramic Film	124652	20.00	2,493,040.00
2. 01110	Adult Prophylaxis	106043	17.00	1,802,731.00
3. 02150	Amalgam Two-Surface	69393	24.00	1,665,432.00
4. 00120	Oral Exam (Annual or Periodic)	230220	7.00	1,611,540.00
5. 02140	Amalgam One-Surface	106192	15.00	1,592,880.00
6. 07130	Tooth Removal, Impacted	17949	85.00	1,525,665.00
7. 00220	Intraoral Film	447824	2.50	1,119,560.00
8. 01240	Topical Application	100387	10.00	1,003,870.00
9. 06750	Porcelain Fused to Metal (Crowns)	3684	250.00	921,000.00
10. 02160	Amalgam Three-Surface	29034	30.00	871,020.00
				14,606,738.00
11. 07110	Tooth Removal	53324	15.00	799,860.00
12. 04343	Periodontal Scaling and Root Planing	29215	20.00	784,300.00
13. 02320	Resin, Simple	30113	20.00	602,260.00
14. 06130	Porcelain Fused to Metal (FPD Retainer)	2301	250.00	575,250.00
15. 06240	Porcelain Fused to Metal (FPD Pontic)	2265	250.00	566,250.00
16. 02161	Amalgam Four or more Surface	14179	38.00	538,802.00
17. 02336	Resin, Complex	19192	26.00	498,992.00
18. 06790	Complete Crown Metal (Crowns)	2437	200.00	487,400.00
19. 05110	Maxillary-Full Denture	1346	350.00	471,100.00
20. 07310	Alveoloplasty with Extractions	9055	50.00	452,750.00
				5,776,964.00
				20,383,702.00
21. 05206	Cast Metal Mandibular Resin PTR DTR	1195	350.00	418,250.00
22. 04331	Occlusal Adjustment, Complete	4180	95.00	397,100.00
23. 00210	Intraoral Series	12281	30.00	368,430.00
24. 07462	Removal of Non-Odontogenic Cyst or Tumor	1209	300.00	362,700.00
25. 03311	Anterior-One Canal Filled	2897	125.00	362,125.00
				1,908,605.00
				22,292,307.00
26. 04210	Gingivectomy/Gingivoplasty	3141	115.00	361,215.00
27. 03333	Molar-Three Canal Filled	1755	200.00	351,000.00
28. 05205	Cast Metal Maxillary Resin PTR DTR	965	350.00	337,750.00
29. 06160	Complete Crown Metal (FPD Retainer)	1633	200.00	326,600.00
30. 07120	Tooth Removal, Complicated	12846	20.00	256,920.00
31. 07711	Maxillary Osteotomy, Total	178	1,400.00	249,200.00
32. 04260	Osseous Resective Surgery	1650	150.00	247,500.00
33. 05120	Mandibular-Full Denture	706	350.00	247,100.00
34. 00140	Comprehensive Exam	34236	7.00	239,652.00
35. 01120	Childs Prophylaxis	16293	13.00	211,809.00
36. 07835	Mandibular Manipulation	1481	100.00	148,100.00
37. 06719	Stainless Steel, Aluminum, Interim	2836	50.00	141,800.00
38. 07721	Mandibular Osteotomy, Ramus	98	1,400.00	137,200.00
39. 07470	Removal of Exostoses	682	200.00	136,400.00
40. 05201	Resin Maxillary PTR DTR	887	150.00	133,050.00
41. 02953	Pin Retention	16498	8.00	131,984.00
42. 06718	Dowel and Core Metal	1868	70.00	130,760.00
43. 05204	Cast Metal Mandibular PTR DTR	353	350.00	123,550.00
44. 03321	Premolar-One Canal Filled	215	200.00	119,400.00
45. 05203	Cast Metal Maxillary PTR DTR	305	350.00	106,750.00
46. 03322	Premolar-Two Canal Filled	702	150.00	105,300.00
47. 07520	Biopsy	2069	50.00	103,450.00
48. 03334	Molar-Four or more Canal Filled	514	200.00	102,800.00
49. 07712	Maxillary Osteotomy, Segmental	127	800.00	101,600.00
50. 05130	Immediate Maxillary Complete Denture	289	350.00	101,150.00
				4,652,040.00
				26,944,347.00

CODE	PROCEDURE DESCRIPTION	NO. USED	DOLLAR VALUE	
5 . 04220	Gingival Curretage	6393	15.00	95,895.00
5 . 00250	Extraoral Film	3796	25.00	94,900.00
53. 07815	Mayofascial Pain Dysfunction Treatment	377	250.00	94,250.00
5 . 03220	Polpotomy-Permanent	3634	25.00	90,850.00
5 . 07722	Mandibular Osteotomy, Body	62	1,400.00	86,800.00
56. 06201	Cast Metal (FPD Pontic)	422	200.00	84,400.00
57. 07320	Alveoloplasty	1675	50.00	83,750.00
5 . 05621	Partial Denture Repair	2648	30.00	79,440.00
59. 06150	Partial Veneer, Metal (FPD Retainer)	370	200.00	74,000.00
60. 05810	Denture Temporary, Maxillary	714	100.00	71,400.00
6 . 06780	Partial Veneer, Metal (Crowns)	355	200.00	71,000.00
62. 05731	Reline Complete Maxillary (Chairside)	1093	60.00	65,580.00
63. 06710	Acrylic Resin (Processed) (Crowns)	789	80.00	63,120.00
6 . 07640	Mandible, Closed Reduction	137	450.00	61,650.00
6 . 02910	Recement, Inlay, Crowns or Fixed PTR DTR	5128	12.00	61,536.00
66. 03332	Molar-Two Canal Filled	281	200.00	56,000.00
67. 04271	Free Soft Tissue Graft	370	150.00	55,500.00
6 . 05202	Resin Mandibular PTR DTR	351	150.00	52,650.00
69. 07405	Salivary Gland Surgery	166	300.00	49,800.00
70. 04363	Other Periodontal Appliances	444	100.00	44,400.00
7 . 09233	Inhalation Sedation or Analgesia	2197	20.00	43,940.00
72. 05611	Complete Denture Repair	1459	30.00	43,770.00
73. 07530	Removal of Foreign Body	218	200.00	43,600.00
7 . 03331	Molar-One Canal Filled	215	200.00	43,000.00
7 . 09231	Intravenous Sedation or Analgesia	2022	20.00	40,440.00
				1,651,671.00
				28,596,018.00
7 . 05751	Reline Complete Maxillary (Laboratory)	356	100.00	35,600.00
77. 07630	Mandible, Open Reduction	48	700.00	33,600.00
70. 03210	Pulpotomy-Deciduous	1321	25.00	33,025.00
7 . 03960	Bleaching of Discolored Teeth	644	50.00	32,200.00
80. 04261	Osseous Graft	214	150.00	32,100.00
81. 04272	Vestibuloplasty	210	150.00	31,500.00
8 . 07560	Maxillary Sinusotomy	68	400.00	27,200.00
83. 09220	General Anesthesia	567	40.00	22,680.00
84. 07235	Bone Graft or Osseous Implant	20	1,100.00	22,000.00
8 . 04321	Provisional Splint, Extra coronal	287	75.00	21,525.00
80. 05732	Reline Complete Mandibular (Chairside)	356	60.00	21,360.00
87. 07651	Zygomatic Complex Fracture	30	700.00	21,000.00
8 . 07681	Other Fracture Reduction	30	700.00	21,000.00
8 . 04351	Root Desensitization	1260	15.00	18,900.00
90. 05811	Denture Temporary, Mandibular	188	100.00	18,800.00
9 . 06740	Porcelain (Crown)	91	200.00	18,200.00
9 . 05741	Reline Rem PTR DTR, Maxillary (Chairside)	293	60.00	17,580.00
93. 05140	Immediate Mandibular Complete Denture	49	350.00	17,150.00
9 . 07350	Stomatoplasty, Complicated	40	400.00	16,000.00
9 . 05610	Replace Broken Facing	517	30.00	15,510.00
90. 04361	Occlusal Orthopedic Appliance	152	100.00	15,200.00
97. 03340	Deciduous Root Canal Filling	118	120.00	14,160.00
9 . 07680	Facial Bone Fracture	12	1,100.00	13,200.00
9 . 05752	Reline Complete Mandibular (Laboratory)	128	100.00	12,800.00
00. 05742	Reline Rem PTR DTR, Mandibular (Chairside)	209	60.00	12,540.00
				544,830.00
				29,140,848.00

CODE	PROCEDURE DESCRIPTION	NO. USED	DOLLAR VALUE	
C . 07755	Augmentation, Contouring, Reduction	17	650.00	11,050.00
.02. 04270	Pedicle Soft Tissue Graft	78	125.00	9,750.00
.03. 05763	Rebase Complete Maxillary (Laboratory)	97	100.00	9,700.00
.C . 07610	Maxilla, Open Reduction	12	800.00	9,600.00
.C. 01350	Application of Pit and Fissure Sealants	950	10.00	9,500.00
.06. 03312	Anterior-Two or more Canal Filled	72	125.00	9,000.00
.C . 07480	Partial Resection, Maxilla or Mandible	8	1,100.00	8,800.00
.C . 07620	Maxilla, Closed Reduction	22	400.00	8,800.00
.09. 07960	Frenectomy	172	50.00	8,600.00
.1. 06713	Acrylic Resin, Veneered (Crowns)	30	200.00	6,000.00
.1 . 07340	Stomatoplasty, Uncomplicated	59	100.00	5,900.00
.12. 05863	Overdenture, Mandibular	15	350.00	5,250.00
.13. 04371	Root Amputation	52	100.00	5,200.00
.1 . 05970	Obturator	6	750.00	4,500.00
.15. 07280	Skin or Mucosal Graft	9	500.00	4,500.00
.16. 03323	Premolat-Three or more Canal Filled	29	150.00	4,350.00
.1 . 07811	Reduction of Dislocation	40	100.00	4,000.00
.1. 05814	Overdenture, Immediate Maxillary	11	350.00	3,850.00
.19. 07150	Surgiac Exposed Tooth	118	30.00	3,540.00
.2. 05764	Rebase Complete Mandibular (Laboratory)	33	100.00	3,300.00
.2 . 06204	Acrylic Veneered Pontic	16	200.00	3,200.00
.22. 04320	Provisional Splint, Intracoronal	21	150.00	3,150.00
.23. 06140	Reverse Pin Facing and Metal (FPD Retainer)	11	250.00	2,750.00
.2 . 05862	Overdenture, Maxillary	7	350.00	2,450.00
.25. 06203	Porcelain, Pontic	12	200.00	2,400.00
.26. 06220	Slotted Facing or Pontic	12	200.00	2,400.00
.2 . 07845	Temporomandibular Joint Surgery	9	250.00	2,250.00
.26. 07270	O-A Fistula or Communication Repair	11	200.00	2,200.00
.29. 07465	Destruction of Lesions	11	200.00	2,200.00
.3 . 07432	Excision, Benign Tumor	43	50.00	2,150.00
.3. 05210	Partial Denture with Cast Metal Occlusal	6	350.00	2,100.00
.32. 05815	Overdenture, Immediate Mandibular	6	350.00	2,100.00
.33. 05980	Speech Bulb	2	900.00	1,800.00
.3 . 02542	Pinledge Restoration	11	150.00	1,650.00
.35. 06110	Acrylic Resin, Veneered Crown	8	200.00	1,600.00
.36. 02521	Inlay-Two Surface	12	130.00	1,560.00
.3 . 02541	Onlay-Cusp Coverage	12	130.00	1,560.00
.38. 05762	Reline Rem PTR DTR Mandibular (Laboratory)	19	75.00	1,425.00
.39. 05765	Rebase Rem PTR DTR Maxillary (Laboratory)	19	75.00	1,425.00
.4 . 06760	Reverse Pin Facing and Metal (Crowns)	5	250.00	1,250.00
.41. 02531	Inlay-Three Surface	7	160.00	1,120.00
.42. 05711	Maxillary Duplicate Denture	6	150.00	900.00
.4 . 05864	Overdenture Partial Maxillary	2	350.00	700.00
.4 . 05965	Overdenture Partial Mandibular	2	350.00	700.00
.45. 05867	Overdenture Immediate Mandibular Rem PTR DTR	2	350.00	700.00
.47. 05910	Ear Prosthesis	1	700.00	700.00
.4 . 05761	Reline Rem PTR DTR Maxillary (Laboratory)	9	75.00	675.00
.48. 02450	Gold Foil Class V	11	60.00	660.00
.49. 07880	Arthrocentesis, Arthrography Injection	6	100.00	600.00
.5 . 05766	Rebase Rem PTR DTR Mandibular (Laboratory)	7	75.00	525.00
.51. 05816	Overdenture Maxillary Metal	1	350.00	350.00
.52. 05920	Eye Prosthesis	1	350.00	350.00
.53. 02410	Gold Foil Class I	5	60.00	300.00
.54. 02511	Inlay-One Surface	3	100.00	300.00
.55. 02430	Gold Foil Class III	1	125.00	125.00

185,515.00
29,326,363.00

NOT USED: 02420,02440,05220,05817,05867, & 05915.

1ST QTR FY80

1 to 10	12,704,148.50	
11 to 20	18,495,623.50	
21 to 25	20,459,156.50	-----90% = 24,739,094.25
26 to 50	25,076,647.50	-----95% = 26,113,488.37
51 to 75	26,689,492.50	
76 to 100	27,284,651.50	
101 to 146	27,487,882.50	

2ND QTR FY80

1 to 10	13,468,516.50	
11 to 20	19,453,742.50	
21 to 25	21,500,832.50	-----90% = 26,131,521.15
26 to 50	26,529,665.50	-----95% = 27,583,272.32
51 to 75	28,202,724.50	
76 to 100	28,818,364.50	
101 to 145	29,035,023.50	

3RD QTR FY80

1 to 10	13,953,180.50	
11 to 20	20,276,373.50	
21 to 25	22,305,164.50	-----90% = 27,036,961.65
26 to 50	27,478,509.50	-----95% = 28,539,015.07
51 to 75	29,247,936.50	
76 to 100	29,826,557.50	
101 to 146	30,041,068.50	

4TH QTR FY80

1 to 10	14,606,738.00	
11 to 20	20,383,702.00	
21 to 25	22,292,307.00	-----90% = 26,393,726.70
26 to 50	26,944,347.00	-----95% = 27,860,044.85
51 to 75	28,596,018.00	
76 to 100	29,140,848.00	
101 to 155	29,326,363.00	

	CODE	PROCEDURE DESCRIPTION	NO. USED	DOLLAR VALUE	
1	02150	Amalgam-Two Surface	69393	24.00	1,665,432.00
2.	02140	Amalgam-One Surface	106192	15.00	1,592,880.00
3.	07110	Tooth Removal, Impacted	17949	85.00	1,525,665.00
4	06750	Porcelain Fused to Metal (Crowns)	3684	250.00	921,000.00
5.	02160	Amalgam-Three Surface	29034	30.00	871,020.00
6.	07110	Tooth Removal	53324	15.00	799,860.00
7	04343	Periodontal Scaling and Root Planing	29215	20.00	784,300.00
8.	02320	Resin, Simple	30113	20.00	602,260.00
9.	06130	Porcelain Fused to Metal (FPD Retainer)	2301	250.00	575,250.00
10	05240	Porcelain Fused to Metal (FPD Pontic)	2265	250.00	566,250.00
					9,903,917.00
1.	02161	Amalgam-Four or more Surface	14179	38.00	538,802.00
2.	02336	Resin, Complex	19192	26.00	498,992.00
3.	06790	Complete Crown Metal (Crowns)	2437	200.00	487,400.00
4.	05110	Maxillary Full Denture	1346	350.00	471,100.00
5.	05206	Cast Metal Mandibular Resin PAR DTR	1195	350.00	418,250.00
6.	07462	Removal of Non-Odontogenic Cyst or Tumor	1209	300.00	362,700.00
7.	03311	Anterior-One Canal Filled	2897	125.00	362,125.00
8.	04210	Gingivectomy/Gingivoplasty	3141	115.00	361,215.00
9.	03333	Molar-Three Canal Filled	1755	200.00	351,000.00
10.	05205	Cast Metal Maxillary Resin PAR DTR	965	350.00	337,750.00
11.	06160	Complete Crown Metal (FPD Retainer)	1633	200.00	326,600.00
12.	07120	Tooth Removal, Complicated	12846	20.00	256,920.00
13.	04260	Osseous Resective Surgery	1650	150.00	247,500.00
14.	05120	Mandibular Full Denture	706	350.00	247,100.00
15.	07470	Removal of Exostoses	682	200.00	136,400.00
					5,403,854.00
					15,307,771.00
16.	05201	Resin Maxillary REM PAR DTR	887	150.00	133,050.00
17.	06718	Dowel and Core Metal	1868	70.00	130,760.00
18.	05204	Cast Metal Mandibular REM PAR DTR	353	350.00	123,550.00
19.	03321	Premolar-One Canal Filled	215	200.00	119,400.00
20.	05203	Cast Metal Maxillary REM PAR DTR	305	350.00	106,750.00
21.	03322	Premolar-Two Canal Filled	702	150.00	105,300.00
22.	07520	Biopsy	2069	50.00	103,450.00
23.	03334	Molar-Four or more canal Filled	514	200.00	102,800.00
24.	05130	Immediate Maxillary Full Denture	289	350.00	101,150.00
25.	04220	Gingival Curretage	6393	15.00	95,895.00
26.	07320	Alveoloplasty	1675	50.00	83,750.00
27.	06150	Partial Veneer, Metal (FPD Retainer)	370	200.00	74,000.00
28.	06780	Partial Veneer, Metal (FPD Crowns)	355	200.00	71,000.00
29.	07640	Mandible, Closed Reduction	137	450.00	61,650.00
30.	03332	Molar-Two Canal Filled	281	200.00	56,000.00
31.	04271	Free Soft Tissue Graft	370	150.00	55,500.00
32.	05202	Resin Mandibular REM PAR DTR	351	150.00	52,650.00
33.	03331	Molar-One Canal Filled	215	200.00	43,000.00
34.	07630	Mandible, Open Reduction	48	700.00	33,600.00
35.	04261	Osseous Graft	214	150.00	32,100.00
36.	04272	Vestibuloplasty	210	150.00	31,500.00
37.	05140	Immediate Mandibular Complete Denture	49	350.00	17,150.00
38.	07610	Maxilla, Open Reduction	12	800.00	9,600.00
39.	03312	Anterior-Two or more Canal Filled	72	125.00	9,000.00
40.	07960	Frenectomy	172	50.00	8,600.00
41.	03323	Premolar-Three or more Canal Filled	29	150.00	4,350.00
					1,765,555.00
					17,073,326.00

DOLLAR VALUE PER CATEGORY

I	DIAGNOSTIC	5,927,122.00	20%
II	PREVENTIVE	3,027,910.00	10%
III	RESTORATIVE	5,970,181.00	20%
IV	ENDODONTICS	1,323,210.00	05%
V	PERIODONTICS	2,123,235.00	07%
VI	R. PROSTHODONTICS	2,430,870.00	08%
VII	F. PROSTHODONTICS	3,494,890.00	12%
VIII	ORAL SURGERY	4,921,885.00	17%
IX	ORTHODONTICS	Not Computed	
X	ADJ. SERVICES	107,060.00	0037%
	TOTAL DOLLAR VALUE	29,326,363.00	

TOP 100 CTV'S

4TH QTR FY80

	<u>CUMULATIVE CTV'S</u>	<u>PERCENT OF TOTAL CTV'S</u>
1 to 10	1,793,934.2	47%
11 to 20	2,531,831.1	67%
21 to 25	2,692,996.1	71%
26 to 50	3,289,807.1	87%
51 to 75	3,510,198.4	92%
76 to 100	3,617,310.2	95%
TOTAL CTV'S	3,799,344.9	

THE FOLLOWING IS A COMPARISON OF TWO MEDIUM
SIZE DENTACS BY CATEGORY AND DOLLAR VALUE

		<u>POST A</u>	<u>PERCENT</u>	<u>POST B</u>	<u>PERCENT</u>
I	DIAGNOSTIC	321,747.00	51	175,970.50	37
II	PREVENTIVE	85,406.00	14	52,761.00	11
III	RESTORATIVE	78,975.00	13	79,772.00	17
IV	ENDODONTICS	10,850.00	02	15,900.00	03
V	PERIODONTICS	14,820.00	02	12,725.00	03
VI	R. PROSTHODONTICS	37,310.00	06	53,750.00	11
VII	F. PROSTHODONTICS	37,810.00	06	63,310.00	13
VIII	ORAL SURGERY	41,210.00	07	24,975.00	05
IX	ORTHODONTICS	NOT COMPUTED		NOT COMPUTED	
X	ADJ. SERVICES	60.00	.0001	360.00	.0008
	TOTAL DOLLARS	628,188.00		479,523.50	

COMPARISON OF THE TWO DENTACS

	<u>FORT DIX</u>	<u>FORT MC CLELLAN</u>
DENTISTS ASSIGNED	18	19
TOTAL PERSONNEL ASSIGNED	82	62
TOTAL PROCEDURES	111772	71088
TOTAL CTV'S	76322.1	49580.4
MILITARY STRENGTH SERVED	10,821	10,202

DIFFERENTIAL

DENTISTS ASSIGNED +1

TOTAL PERSONNEL ASSIGNED +10

TOTAL PROCEDURES +40684

TOTAL CTV'S +26741.7

MILITARY STRENGTH SERVED 619

DOLLAR VALUE +148,664.50

UNWEIGHTED AND WEIGHTED PROCEDURE PROFILE

PERCENT OF RELATIVE FREQUENCY

		<u>FORT DIX</u>				<u>FORT MC CLELLAN</u>			
		<u>PROC</u>	<u>%</u>	<u>WWU</u>	<u>%</u>	<u>PROC</u>	<u>%</u>	<u>WWU</u>	<u>%</u>
I	DIAGNOSTIC	41959	38	19044.5	25	26087	37	10458.2	21
II	PREVENTIVE	26522	24	21283.5	28	9615	14	6826.9	14
III	RESTORATIVE	14708	13	16019.5	14	10136	14	7774.0	16
IV	ENDODONTICS	771	0069	1087.5	01	1085	02	1595.7	03
V	PERIODONTICS	6328	06	4533.4	06	2647	04	2063.3	04
VI	R. PROSTHODONTICS	446	0040	1226.4	02	267	0038	1791.4	04
VII	F. PROSTHODONTICS	399	0036	1684.6	02	457	0064	2594.7	05
VIII	ORAL SURGERY	1971	02	1599.5	02	1744	02	1457.7	03
IX	ORTHODONTICS	20	0002	11.4	0001	66	0009	34.6	0007
X	ADJ. SERVICES	18548	17	15231.8	20	18984	27	14983.9	30
	TOTAL	111772		76322.1		71088		49580.4	
	<u>RESERVES PERCENT OF TOTAL</u>	9145	08	6866.8	09	550	0077	420.9	0085

APPENDIX G
Special Analysis

DOLLAR VALUE PER CATEGORY

1ST QTR FY80

		<u>1980 DOLLARS</u>		<u>1981 DOLLARS</u>	
I	DIAGNOSTIC	5,402,389.50	20 %	5,461,021.50	19 %
				58,632.00	01 % Increase
II	PREVENTIVE	2,476,228.00	09 %	2,476,288.00	09 %
				No Increase	
III	RESTORATIVE	5,534,897.00	20 %	5,891,952.00	21 %
				357,055.00	06 % Increase
IV	ENDODONTICS	1,331,395.00	05 %	1,414,020.00	05 %
				82,625.00	06 % Increase
V	PERIODONTICS	2,411,619.00	09 %	2,465,390.00	09 %
				53,771.00	02 % Increase
VI	REM. PROS.	2,310,646.00	08 %	2,479,625.00	09 %
				168,979.00	07 % Increase
VII	Fixed Pros.	3,542,025.00	13 %	3,821,147.00	13 %
				279,122.00	08 % Increase
VIII	Oral Surgery	4,328,467.00	16 %	4,273,395.00	15 %
				55,072.00	01 % <u>DECREASE</u>
IX	ORTHODONTICS	48,280.00	.0018 %	48,280.00	.0017 %
				No Increase	
X	ADJ. SERVICES	101,936.00	.0037 %	110,960.00	.0039 %
				9,024.00	09 % Increase
	TOTAL	27,487,882.50		28,442,018.50	
				954,136.00	03 % Increase

Health Service Command

DOLLAR VALUE PER CATEGORY

2ND QTR FY80

		<u>1980 DOLLARS</u>		<u>1981 DOLLARS</u>	
I	DIAGNOSTIC	5,843,025.50	20 %	5,900,067.50	20 %
				57,042.00	01 % Increase
II	PREVENTIVE	2,624,745.00	09 %	2,624,745.00	09 %
				No Increase	
III	RESTORATIVE	5,738,164.00	20 %	6,101,773.00	20 %
				363,609.00	06 % Increase
IV	ENDODONTICS	1,463,131.00	05 %	1,543,675.00	05 %
				80,544.00	06 % Increase
V	PERIODONTICS	2,605,521.00	09 %	2,648,745.00	09 %
				43,224.00	02 % Increase
VI	REM. PROS.	2,353,827.00	08 %	2,538,345.00	08 %
				174,518.00	07 % Increase
VII	FIXED. PROS.	3,567,535.00	12 %	3,845,270.00	13 %
				277,735.00	08 % Increase
VIII	ORAL SURGERY	4,666,497.00	16 %	4,549,885.00	15 %
				116,612.00	03 % <u>DECREASE</u>
IX	ORTHODONTICS	70,340.00	.0024 %	70,340.00	.0024 %
				No Increase	
X	ADJ. SERVICES	92,238.00	.0032 %	100,460.00	.0034 %
				8,222.00	09 % Increase
	TOTAL	29,035,023.50		29,923,305.50	
				888,282.00	03 % Increase

Health Service Command

DOLLAR VALUE PER CATEGORY

3RD QTR FY80

		<u>1980 DOLLARS</u>		<u>1981 DOLLARS</u>	
I	DIAGNOSTIC	5,543,317.50	18 %	5,582,494.50	18 %
				39,177.00	01 % Increase
II	PREVENTIVE	2,859,193.00	10 %	2,859,193.00	09 %
				No Increase	
III	RESTORATIVE	5,913,163.00	20 %	6,284,528.00	20 %
				371,365.00	06 % Increase
IV	ENDODONTICS	1,369,302.00	05 %	1,443,415.00	05 %
				74,113.00	05 % Increase
V	PERIODONTICS	2,462,961.00	08 %	2,511,945.00	08 %
				48,984.00	02 % Increase
VI	REM. PROS.	2,623,010.00	09 %	2,819,285.00	09 %
				196,275.00	07 % Increase
VII	FIXED PROS.	4,146,450.00	14 %	4,472,540.00	14 %
				326,090.00	09 % Increase
VIII	ORAL SURGERY	4,942,054.00	16 %	4,845,280.00	16 %
				96,774.00	02 % <u>DECREASE</u>
IX	ORTHODONTICS	79,160.00	.0026 %	79,160.00	.0026 %
				No Increase	
X	ADJ. SERVICES	102,458.00	.0034 %	112,060.00	.0036 %
				9,602.00	09 % Increase
	TOTAL	30,041,068.50		31,009,900.50	
				968,832.00	03 % Increase

Health Service Command

DOLLAR VALUE PER CATEGORY

4TH QTR FY80

		<u>1980 DOLLARS</u>		<u>1981 DOLLARS</u>	
I	DIAGNOSTIC	5,890,279.00	20 %	5,927,122.00	20 %
				36,843.00	01 % Increase
II	PREVENTIVE	3,027,910.00	11 %	3,027,910.00	10 %
				No Increase	
III	RESTORATIVE	5,619,675.00	20 %	5,970,181.00	20 %
				350,506.00	06 % Increase
IV	ENDODONTICS	1,224,500.00	04 %	1,323,210.00	05 %
				98,710.00	08 % Increase
V	PERIODONTICS	2,068,656.00	07 %	2,123,235.00	07 %
				54,579.00	03 % Increase
VI	REM. PROS.	2,123,625.00	08 %	2,430,870.00	08 %
				307,245.00	14 % Increase
VII	FIXED PROS.	3,109,475.00	11 %	3,494,890.00	12 %
				385,415.00	12 % Increase
VIII	ORAL SURGERY	4,996,234.00	18 %	4,921,895.00	17 %
				74,349.00	01 % <u>DECREASE</u>
IX	ORTHODONTICS	57,780.00	.0020 %	57,780.00	.0020
				No Increase	
X	ADJ. SERVICES	93,622.00	.0035 %	107,060.00	.0037 %
				8,438.00	09 % Increase
	TOTAL	28,216,756.00		29,326,363.00	
				1,109,607.00	04 % Increase

Health Service Command

HSC

MEAN CHANGE FOR DOLLAR VALUES PRODUCED BY MONTH FOR ALL HSC DENTAC

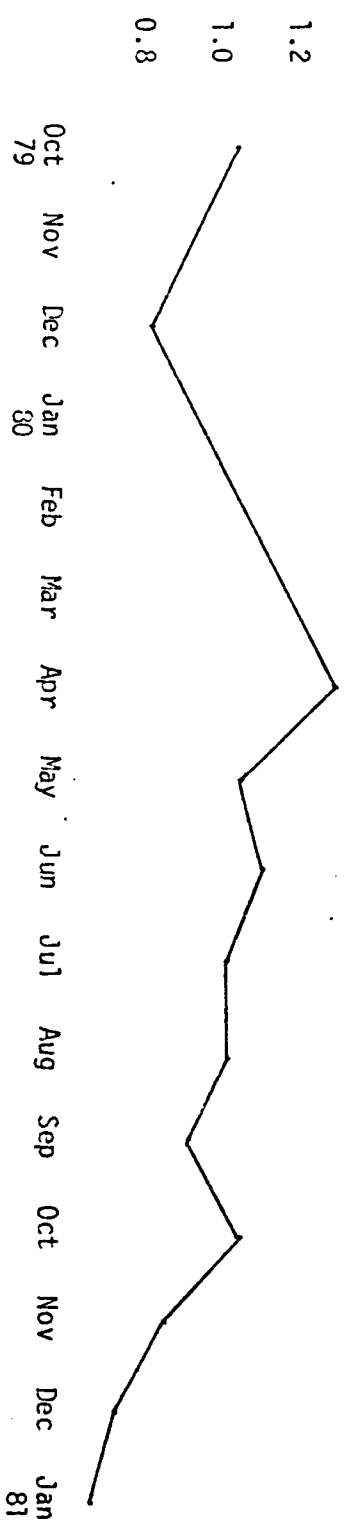
FORMULA FOR CHANGE:

$$\frac{\$ \text{ Produced per Month per DENTAC}}{\text{Mean Dollars Produced per Month all HSC DENTAC}} = \text{Mean Change per DENTAC}$$

FORMULA FOR COMMAND MEAN CHANGE:

$$\frac{\sum \text{ Of DENTAC Mean Change By Month Monthly}}{\text{Number of DENTACS By Month}} = \text{Mean Change For Command}$$

Monthly Command Mean Change is Plotted on Graph.



TOTAL PATIENTS TREATED

MEAN CHANGE FOR DOLLAR VALUES PRODUCED BY MONTH FOR ALL HSC DENTAC

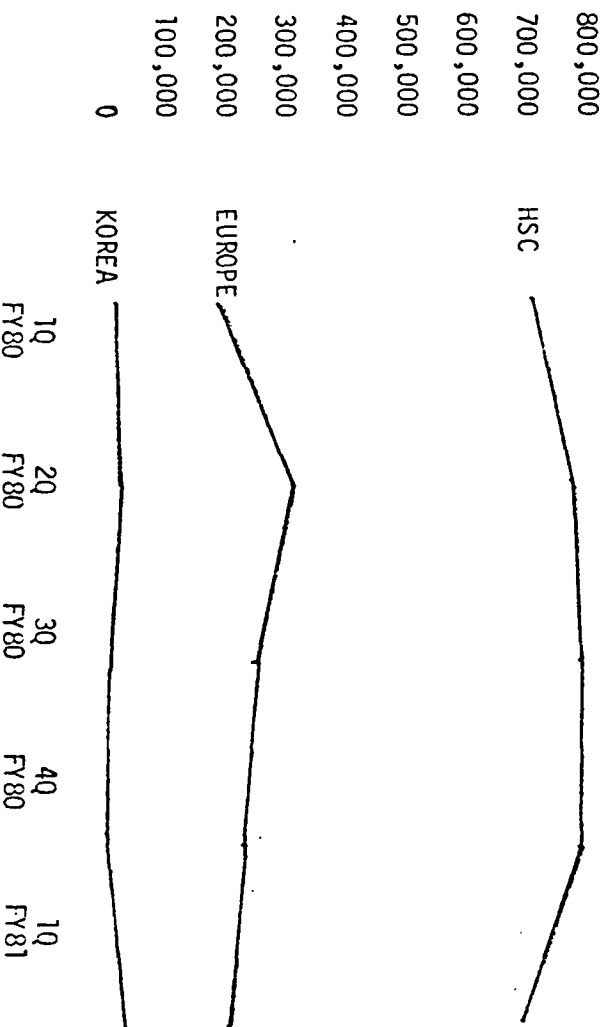
FORMULA FOR CHANGE:

$$\frac{\$ \text{ Produced per Month per DENTAC}}{\text{Mean Dollars Produced per Month all HSC DENTAC}} = \text{Mean Change per DENTAC}$$

FORMULA FOR COMMAND MEAN CHANGE:

$$\frac{\sum \text{ Of DENTAC Mean Change By Month Monthly}}{\text{Number of DENTACS By Month}} = \text{Mean Change For Command}$$

Monthly Command Mean Change is Plotted on Graph.

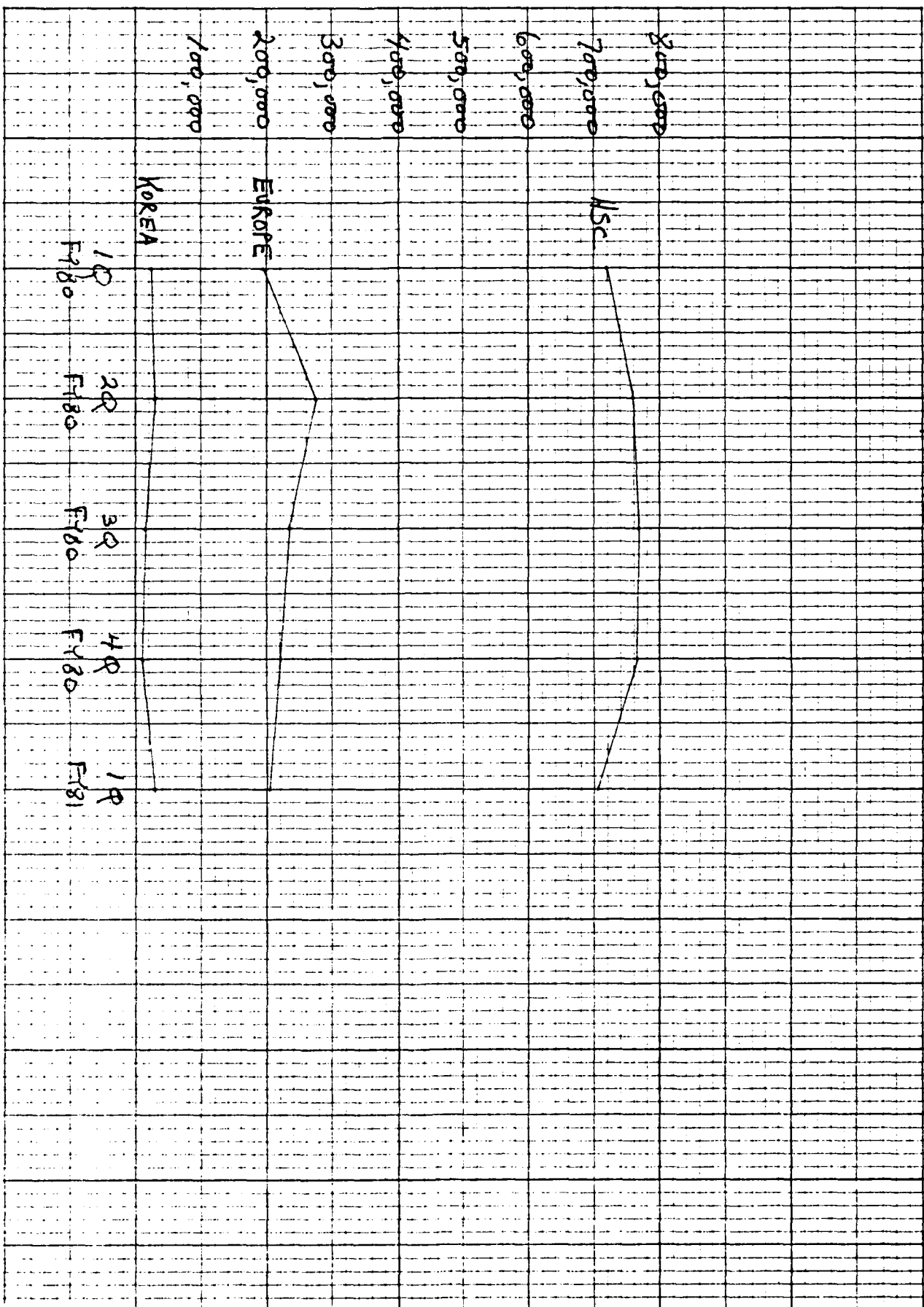


HSC

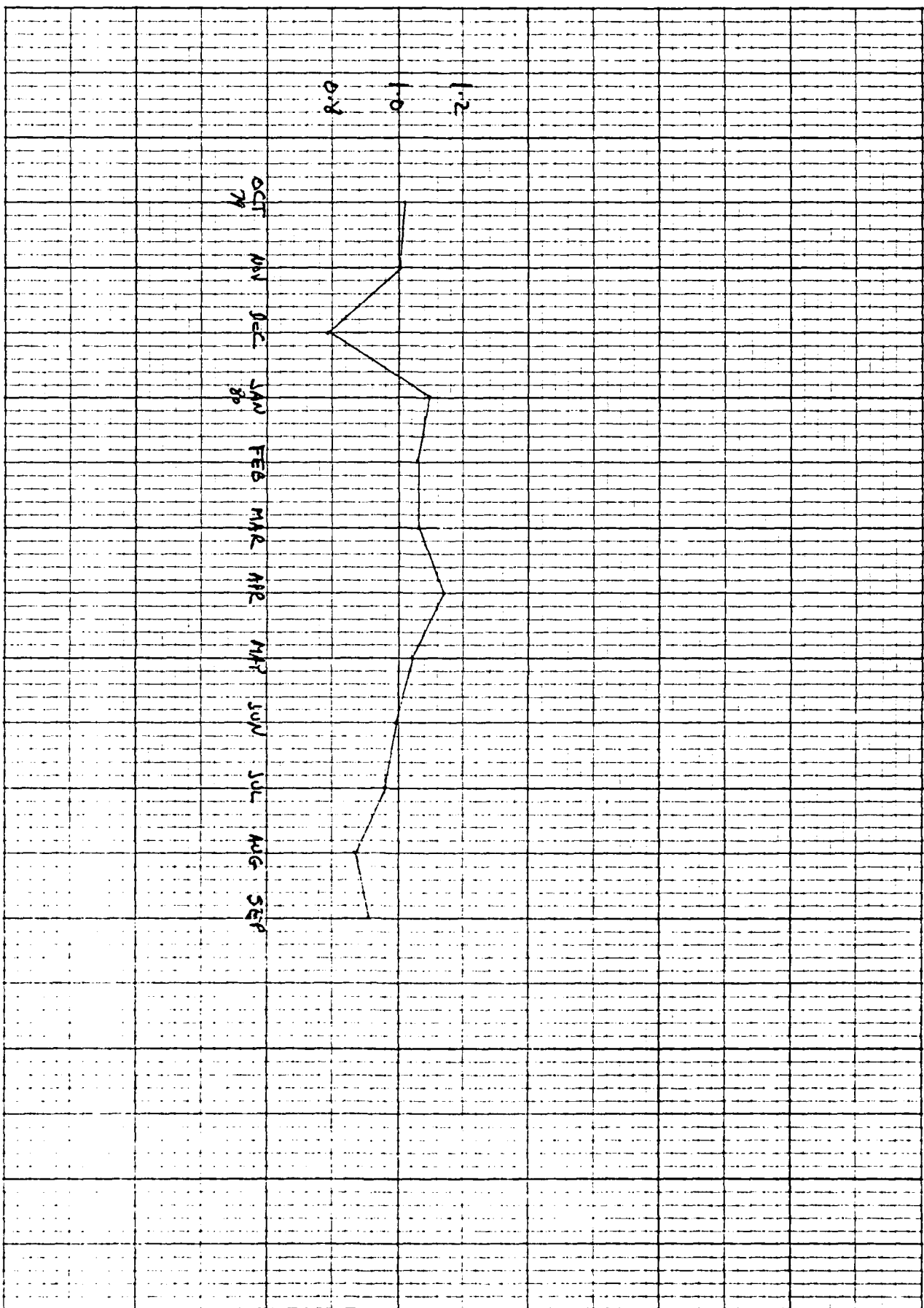
RANK ORDER OF INCREASE AND DECREASE IN
PRODUCTIVITY FY80.1 COMPARED TO FY81.1

1. Sheridan (most improved)	19. Panama
2. Leonard Wood	20. Hood
3. Stewart	21. Riley
4. Gordon	22. Presidio
5. Jackson	23. West Point
6. Knox	24. Polk
7. Bliss	25. Devens
8. Mc Clellan	26. Belvoir
9. Lewis	27. Walter Reed
10. Rucker	28. Campbell
11. Carson	29. Hawaii
12. Eustis	30. Sill
13. Monmouth	31. Benning
14. Bragg	32. Ord
15. Leavenworth	33. Dix (Greatest decline)
16. Meade	34. Redstone
17. Lee	35. Sam Houston
18. Huachuca	36. Alaska
	37. Fitzsimons

TOTAL PATIENTS TREATED



Europe



DOLLAR VALUE PER CATEGORY

CONUS

2ND QTR FY81

I	DIAGNOSTIC	5,377,829.00	18 %
II	PREVENTIVE	2,741,794.00	09 %
III	RESTORATIVE	6,439,370.00	22 %
IV	ENDODONTICS	1,678,815.00	06 %
V	PERIODONTICS	2,424,110.00	08 %
VI	REM. PROS.	2,592,740.00	09 %
VII	FIXED PROS.	3,714,290.00	12 %
VIII	ORAL SURGERY	4,851,080.00	16 %
IX	ORTHODONTICS	NOT COMPUTED	
X	ADJ. SERVICES	90,260.00	.0030 %

TOATL 29,910,288.00

ORTHO 864,350.00

Total \$ 30,774,638.00

1ST QTR FY80

HSC

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>W-U</u>	<u>DOLLAR VALUE</u>
1.	09973	Patient Handling Time, all other clinical services	434277	447704.7	
2.	00220	Intraoral Film	421555	84311.0	1,053,887.50
3.	01330	Individual Oral Health Counseling	410471	123471.3	
4.	09972	Patient Handling Time, Diagnostic and Preventive	396891	317512.8	
5.	04342	Periodontal Scaling	305578	183346.8	
6.	09211	Local Anesthesia, for therapy	266434	106573.6	
7.	02954	Intermediate Base	233920	46784.0	
8.	00130	Other Examination	221476	88509.4	
9.	00120	Oral Examination (Annual or Periodic)	215521	172416.8	1,508,647.00
10.	02952	Restoration Polish	115299	92239.2	
11.	02140	Amalgam-One Surface	102734	102734.0	1,154,625.00
12.	00330	Panoramic Film	96678	38671.2	1,933,560.00
13.	02960	Rubber Dam Application	90674	36269.6	
14.	01110	Adult Prophylaxis	90640	163152.0	1,540,880.00
15.	00133	Screening Examination	87504	35001.6	
16.	01240	Topical Application	77745	54421.5	777,450.00
17.	02150	Amalgam-Two Surface	69123	131333.7	1,520,706.00
18.	09631	Prescriptions	65474	19642.2	
19.	09918	Postoperative Treatment	63982	31541.0	
20.	01360	Plaque and Tissue Indices	61632	24652.8	
21.	02940	Sedative/Temporary Restoration	58398	29199.0	
22.	07110	Tooth Removal	50198	35138.6	752,970.00
23.	09923	Dental Cast	49620	39696.0	
24.	07901	Posrsurgical Treatment	37241	18620.5	
25.	02320	Resin, Simple	36216	43459.2	651,888.00
	TOTAL		4058381	2466402.5	10,804,613.30
	Percent of Total		85 %	68 %	39 %

2ND QTR FY80

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>WWT</u>	<u>DOLLAR VALUE</u>
1.	09973	Patient Handling Time, all other clinical services	481368	529504.8	
2.	01330	Individual Oral Health Counseling	443450	133035.0	
3.	00220	Intraoral Film	436891	87378.2	1,092,227.50
4.	09972	Patient Handling Time, Diagnostic and Preventive	381886	305508.8	
5.	04342	Periodontal Scaling	340243	204145.8	
6.	09211	Local Anesthesia, for therapy	290859	116343.6	
7.	00130	Other Examination	252287	100914.8	
8.	02954	Intermediate Base	246073	49214.6	
9.	00120	Oral Examination (Annual or Periodic)	227430	181944.0	1,592,010.00
10.	02952	Restoration Polish	116328	93062.4	
11.	00330	Panoramic Film	110217	44086.8	2,204,340.00
12.	02140	Amalgam-One Surface	106219	106219.0	1,487,066.00
13.	02960	Rubber Dam Application	95874	38349.6	
14.	01110	Adult Prophylaxis	95718	172292.4	1,627,206.00
15.	00133	Screening Examination	95144	38057.6	
16.	01240	Topical Application	81485	57039.5	814,850.00
17.	02150	Amalgam-Two Surface	72282	137335.8	1,590,204.00
18.	09631	Prescription	72023	21606.9	
19.	01360	Plaque and Tissue Indices	67362	26944.8	
20.	02940	Sedative/Temporary Restoration	61826	30913.0	
21.	09918	Postoperative Treatment	60833	30416.5	
22.	07110	Tooth Removal	53017	37111.9	795,255.00
23.	09923	Dental Cast	52916	42332.8	
24.	04343	Periodontal Scaling and Root Planing	44761	62665.4	850,459.00
25.	07901	Postsurgical Treatment	41875	20937.5	
TOTAL			4328367	2667361.5	12,053,617.50
Percent of Total			84 %	69 %	41 %

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>WWU</u>	<u>DOLLAR VALUE</u>
1.	09973	Patient Handling Time, all other clinical services	482111	530322.1	
2.	01330	Individual Oral Health Counseling	463607	139082.1	
3.	00220	Intraoral Film	430641	86128.2	1,076,602.50
4.	04342	Periodontal Scaling	426816	256089.6	
5.	09972	Patient Handling Time, Diagnostic and Preventive	382972	306377.6	
6.	09211	Local Anesthesia, for therapy	302541	121016.4	
7.	00130	Other Examination	256711	102684.4	
8.	02954	Intermediate Base	249869	49973.8	
9.	00120	Oral Examination (Annual or Periodic)	231433	185146.4	1,620,031.00
10.	02952	Restoration Polish	111839	89471.2	
11.	02140	Amalgam-One Surface	110784	110784.0	1,550,976.00
12.	01110	Adult Prophylaxis	105095	189171.0	1,786,615.00
13.	00330	Panoramic Film	104442	41776.8	2,088,840.00
14.	00133	Screening Examination	92037	36814.8	
15.	02960	Rubber Dam Application	91456	36582.4	
16.	01240	Topical Application	89635	62744.5	896,350.00
17.	01360	Plaque and Tissue Indices	75579	30231.6	
18.	09631	Prescription	74350	22305.0	
19.	02150	Amalgam-Two Surface	74064	140721.6	1,629,408.00
20.	02940	Sedative/Temporary Restoration	60251	30125.5	
21.	09918	Postoperative Treatment	57177	28588.5	
22.	07110	Tooth Removal	56327	39428.9	844,905.00
23.	09923	Dental Cast	48783	39026.4	
24.	04343	Periodontal Scaling and Root Planing	41824	58553.6	794,656.00
25.	07901	Postsurgical Treatment	41809	20904.5	
TOTAL			4462153	2754050.9	12,288,383.2
Percent of Total			85 %	69 %	40

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>WU</u>	<u>DOLLAR VALUE</u>
1.	09973	Patient Handling Time, all other clinical services	463261	509587.1	
2.	01330	Individual Oral Health Counseling	456519	136955.7	
3.	00220	Intraoral Film	447824	89564.8	1,119,560.00
4.	04342	Periodontal Scaling	416824	250094.4	
5.	09972	Patient Handling Time, Diagnostic and Preventive	385877	308701.6	
6.	09211	Local Anesthesia, for therapy	289162	115664.8	
7.	00130	Other Examination	255459	102183.6	
8.	02954	Intermediate Base	235727	47145.4	
9.	00120	Oral Examination (Annual or Periodic)	230220	184176.0	1,611,540.00
10.	00330	Panoramic Film	124652	49860.8	2,493,040.00
11.	00133	Screening Examination	113771	45508.4	
12.	02140	Amalgam-One Surface	106192	106192.0	1,592,880.00
13.	01110	Adult Prophylaxis	106043	190877.4	1,802,731.00
14.	01240	Topical Application	100387	70270.9	1,003,870.00
15.	02952	Restoration Polish	93734	74987.2	
16.	02960	Rubber Dam Application	89263	35705.2	
17.	01360	Plaque and Tissue Indices	83513	33405.2	
18.	09631	Prescriptions	71053	21315.9	
19.	02150	Amalgam-Two Surface	69393	131846.7	1,665,432.00
20.	02940	Sedative/Temporary Restoration	55576	27788.0	
21.	07110	Tooth Removal	53324	37326.8	799,860.00
22.	09918	Postoperative Treatment	49949	24974.5	
23.	09923	Dental Cast	49876	39900.8	
24.	01245	Topical Fluoride-Self Applied	39353	35417.7	
25.	09630	Other Therapeutic Medication	39242	23545.2	
TOTAL			4426194	2692996.1	12,088,913.00
Percent of Total			85 %	70 %	41 %

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>WWU</u>	<u>DOLLAR VALUE</u>
1.	09973	Patient Handling Time, all other clinical services	458188	504006.8	
2.	01330	Individual Oral Health Counseling	449865	134959.5	
3.	00220	Intraoral Film	408996	81799.2	1,022,490.0
4.	04342	Periodontal Scaling	307098	238258.8	
5.	09972	Patient Handling Time, Diagnostic and Preventive	341538	273230.4	
6.	09211	Local Anesthesia, for therapy	289266	115706.4	
7.	00130	Other Examination	252380	100952.0	
8.	02954	Intermediate Base	238651	47730.2	
9.	00120	Oral Examination (Annual or Periodic)	222191	177752.8	1,555,337.0
10.	02140	Amalgam-One Surface	104717	104717.0	1,570,755.0
11.	01110	Adult Prophylaxis	96621	173917.8	1,642,557.0
12.	02952	Restoration Polish	90370	72296.0	
13.	02960	Rubber Dam Application	89056	35622.4	
14.	00133	Screening Examination	87491	34996.4	
15.	00330	Panoramic Film	87257	34902.8	1,745,140.0
16.	01240	Topical Application	83323	58326.1	833,230.0
17.	01360	Plaque and Tissue Indices	76467	30586.8	
18.	02150	Amalgam-Two Surface	70684	134299.6	1,696,416.0
19.	09631	Prescriptions	64730	19419.0	
20.	02940	Sedative/Temporary Restoration	57037	28518.5	
21.	09923	Dental Cast	48918	39134.4	
22.	09918	Postoperative Treatment	46727	23363.5	
23.	07110	Tooth Removal	46311	32417.7	694,665.0
24.	04343	Periodontal Scaling and Root Planing	42634	59687.6	852,680.0
25.	04330	Occlusal Adjustment, Limited	40983	28688.1	
TOTAL			4101499	2585289.8	11,613,270.00
Percent of Total			83 %	71 %	40 %

2ND QTR FY81

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>WWU</u>	<u>DOLLAR VALUE</u>
1.	09973	Patients Handling Time, all other clinical services	482700	530970.0	
2.	01330	Individual Oral Health Counseling	473868	142160.4	
3.	04342	Periodontal Scaling	445163	267097.8	
4.	00220	Intraoral Film	441440	88238.0	1,103,600.00
5.	09972	Patients Handling Time, Diagnostic and Preventive	363242	290593.6	
6.	09211	Local Anesthesia, for therapy	307179	122871.6	
7.	00130	Other Examination	271960	108784.0	
8.	02954	Intermediate Base	250694	50138.8	
9.	00120	Oral Examination (Annual or Periodic)	227143	181714.4	1,590,001.00
10.	02140	Amalgam-One Surface	113665	113665.0	1,704,975.00
11.	02952	Restoration Polish	103277	82621.6	
12.	01110	Adult Prophylaxis	100341	180613.8	1,705,797.00
13.	00330	Panoramic Film	99482	39792.8	1,989,640.00
14.	00133	Screening Examination	93372	37348.8	
15.	02960	Rubber Dam Application	91360	36544.0	
16.	01240	Topical Application	84211	58947.7	842,110.00
17.	01360	Plaque and Tissue Indices	83585	33434.0	
18.	02150	Amalgam-Two Surface	74920	142348.0	1,798,080.00
19.	09631	Prescription	71629	21488.7	
20.	02940	Sedative/Temporary Restoration	57007	28503.5	
21.	09923	Dental Cast	50852	40681.6	
22.	09630	Other Therapeutic Medication	47979	28787.4	
23.	07110	Tooth Removal	47398	33178.6	710,970.00
24.	09918	Postoperative Treatment	46135	23067.5	
25.	04343	Periodontal Scaling and Root Planing	43252	60552.8	865,040.00
TOTAL			4471854	2744194.4	12,310,213.00
Percent of Total					41 %

RANKING OF DOLLAR VALUE PROCEDURES AMONG

TOP 25 PROCEDURES

CONUS

	<u>80-1</u>	<u>80-2</u>	<u>80-3</u>	<u>80-4</u>	<u>81-1</u>	<u>81-2</u>
Intraoral Film	2	3	3	3	3	4
Oral Exam (Annual)	9	9	9	9	9	9
Amalgam-One Surface	11	12	11	12	10	10
Panoramic Film	12	11	12	10	15	13
Adult Prophylaxis	14	14	13	13	11	12
Topical Application	15	16	16	14	16	16
Amalgam-Two Surface	17	17	19	19	18	18
Tooth Removal	22	22	22	21	23	23
Resin, Simple	25	-	-	-	-	-
Perio Scal & Root Planing	-	14	14	-	24	25

HSC TOTAL DOLLAR VALUE OF TOP 25 PROCEDURES

MILLION
14

13

12

11

10

9

80.1

80.2

80.3

80.4

81.1

81.2

HSC
TOP 25 PROCEDURES
PERCENT OF TOTAL DOLLAR VALUE
(CURRENT 81 FEE SCALE)

PERCENT
45

40

35

30 .

80.1

80.2

80.3

80.4

81.1

81.2

PRODUCTIVITY RATING

\$ Prod to \$ Cost

	80-1	81-1	Oct 79 - Jan 81
Top:	1. Ord 2. Hawaii 3. Jackson 4. Alaska 5. L. Wood	1. Jackson 2. L. Wood 3. Gordon 4. McClellan 5. Ord	1. Jackson 2. Ord 3. McClellan 4. L. Wood 5. Hawaii
Bottom:	37. Panama 36. W. R. 35. Lee 34. Riley 33. Knox	W. R. Panama Riley Lee Fitzsimons	W. R. Panama Riley Lee Knox

Same method - shows slight decline in overall HSC system when quarters (80.1 to 81.1) are compared.

Formula For Quarterly \bar{X} Productivity =

$$\frac{\$ \text{ PROD.}}{\$ \text{ COST}} \div \text{No. of Months/qtr} = \bar{X} \text{ Prod}$$

$$\sum \frac{\text{Dentac } \$\text{Prod/Mo}}{\text{Dentac } \$\text{Cost/Mo}} = \bar{X} \text{ Prod}$$

No. of Dentac Mo/Qtr

APPENDIX H
Fee Scale FY 81

CHILMARK RTR. DENTISTRY

I. DIAGNOSTIC

<u>CODE</u>	<u>DESCRIPTION</u>	<u>COST</u>
00120	Periodic Oral Exam	7.00
00140	Comprehensive Exam	7.00
00210	Intraoral X-rays	31.00
00270	Intraoral Film	2.00
00330	Intraoral Film	23.00
00350	Panoramic Film	30.00

II. PREVENTIVE

01110	Adult Prophylaxis	17.00
01120	Child Prophylaxis	13.00
01340	Topical Application	10.00
01350	Application of Pit & Fissure Sealants	10.00

III. RESTORATIVE

02140	Amalgam - 1 Surface	15.00
02150	Amalgam - 2 Surfaces	24.00
02160	Amalgam Restoration - 3 Surfaces	30.00
02162	Amalgam Restoration - 4 or more Surfaces	33.00
02320	Resin, Simple	20.00
02330	Resin, Complex	25.00
02410	Gold Foil Class I	60.00
02420	Gold Foil Class II	175.00
02430	Gold Foil Class III	125.00
02440	Gold Foil Class IV	200.00
02450	Gold Foil Class V	60.00
02511	Inlay, 1 Surface	100.00
02521	Inlay, 2 Surfaces	130.00
02531	Inlay, 3 Surfaces	140.00
02541	Onlay - Cusp Coverage	130.00
02550	Pinledge Restoration	150.00
02560	Seamant Inlay, Crown or Full Partial Denture	12.00
02570	Pit Restoration	3.00

IV. ENDODONTICS

03110	Root Canal, Periapical	25.00
03120	Root Canal, Periapical	25.00
03131	Anterior 1 canal filled	125.00
03132	Anterior 2 or more Canals filled	125.00
03133	Posterior 1 canal filled	150.00
03134	Posterior 2 Canals filled	150.00
03135	Posterior 3 or more Canals filled	150.00
03136	Anterior 1 canal filled	125.00

IV. ENDODONTICS, Continued...

03212	Water Irrigation System	
03213	Water Irrigation System	
03214	Water Irrigation System	
03215	Sealing of Root Canal Filling	
03216	Sealing of Root Canal Filling	

V. PERIODONTICS

04210	Gingivectomy	150.00
04220	Gingival Grafts	150.00
04230	Gingival Regenerative Surgery	150.00
04240	Gingival Grafts	150.00
04250	Periodontal Soft Tissue Graft	150.00
04260	Periodontal Soft Tissue Graft	150.00
04270	Periodontal Soft Tissue Graft	150.00
04280	Periodontal Soft Tissue Graft	150.00
04290	Periodontal Soft Tissue Graft	150.00
04300	Periodontal Soft Tissue Graft	150.00
04310	Periodontal Soft Tissue Graft	150.00
04320	Periodontal Soft Tissue Graft	150.00
04330	Periodontal Soft Tissue Graft	150.00
04340	Periodontal Soft Tissue Graft	150.00
04350	Periodontal Soft Tissue Graft	150.00
04360	Periodontal Soft Tissue Graft	150.00
04370	Periodontal Soft Tissue Graft	150.00

VI. PROSTHODONTICS, Removable

05110	Maxillary	350.00
05120	Mandibular	350.00
05130	Immediate Maxillary	350.00
05140	Immediate Mandibular	350.00
05150	Resin Maxillary	150.00
05160	Resin Mandibular	150.00
05170	Cast Metal Maxillary	350.00
05180	Cast Metal Mandibular	350.00
05190	Cast Metal Maxillary Resin	350.00
05200	Cast Metal-Mandibular Resin	350.00
05210	With Cast Metal Occlusals	350.00
05220	With Amalgam Occlusals	350.00
05230	Complete Denture	30.00
05240	Partial Denture	30.00
05250	Maxillary Replicate Denture	150.00
05260	Maxillary Complete Maxillary (Chairside)	50.00
05270	Maxillary Complete Mandibular (Chairside)	50.00
05280	Maxillary Removable Partial Maxillary (Chairside)	50.00
05290	Maxillary Removable Partial Mandibular (Chairside)	50.00
05300	Maxillary Complete Maxillary (Laboratory)	100.00

VI. PROSTHODONTICS, Removable - contd....

05752	Relines Complete Mandibular (Laboratory)	200.00
05751	Relines Removable Partial Mandibular (Laboratory)	200.00
05750	Relines Removable Partial Mandibular (Laboratory)	200.00
05749	Relines Complete Mandibular (Laboratory)	200.00
05748	Relines Complete Mandibular (Laboratory)	200.00
05747	Relines Removable Partial Mandibular (Laboratory)	200.00
05746	Relines Removable Partial Mandibular (Laboratory)	200.00
05745	Relines Removable Partial Mandibular (Laboratory)	200.00
05744	Denture, Temporary (Complete, Removable Partial or Fixed Partial), Mandibular	100.00
05743	Denture, Temporary (Complete, Partial or Fixed) Mandibular	100.00
05742	Overdenture Immediate Mandibular	350.00
05741	Overdenture Immediate Mandibular	350.00
05740	Overdenture Mandibular, Metal	350.00
05739	Overdenture Mandibular, Metal	350.00
05738	Overdenture Mandibular	350.00
05737	Overdenture Mandibular	350.00
05736	Overdenture Partial Mandibular	350.00
05735	Overdenture Partial Mandibular	350.00
05734	Overdenture, Immediate Mandibular Removable Partial Denture	350.00
05733	Overdenture, Immediate Mandibular Removable Partial Denture	350.00
05732	For Prosthesis	700.00
05731	For Prosthesis	600.00
05730	Eye Prosthesis	350.00
05729	Connector	750.00
05728	Speech Bulb	200.00

VII. PROSTHODONTICS, Fixed

05610	Acrylic Resin, Veneered Crown	200.00
05609	Porcelain Fused to Metal	250.00
05608	Reverse Pin Facing and Metal	250.00
05607	Partial Veneer, Metal	200.00
05606	Complete Crown, Metal	200.00
05605	Cast Metal	200.00
05604	Porcelain	250.00
05603	Acrylic Veneered Pontic	200.00
05602	Slotted Facing on Pontic	200.00
05601	Porcelain Fused to Metal	250.00
05600	Replace Broken Facing	30.00
05599	Acrylic Resin (Processed)	50.00
05598	Acrylic Resin, Veneered Crown	200.00
05597	Facel and Core, Metal	70.00
05596	Stainless Steel, Aluminum, Latex	50.00
05595	Porcelain	200.00
05594	Porcelain Fused to Metal	250.00
05593	Reverse Pin Facing and Metal	250.00
05592	Partial Veneer, Metal	200.00
05591	Complete Crown, Metal	200.00

VIII. ORAL AND MAXILLOFACIAL SURGERY

07120	Tooth Removal	1.00
07120	Tooth Removal, Complicated	2.00
07120	Tooth Removal, Rooted	1.00
07120	Original Exposure, Root	1.00
07121	Oral Dental Service or Examination except	1.00
07120	skin or Internal Grafts-	1.00
07202	bone Graft or Osseous Implant	1.00
07310	Alveoplasty with Curettage	1.00
07311	Alveoplasty	1.00
07340	Stomatoplasty, Uncomplicated	1.00
07340	Stomatoplasty, Complicated	1.00
07402	Salivary Gland Surgery	1.00
07402	Excision, Salivary Gland	1.00
07402	Removal of Parotid Gland or Tumor	1.00
07402	Excision of Lesions	1.00
07402	Removal of Lesions	1.00
07402	Partial Resection, Maxilla or Mandible	1.00
07510	Biopsy	1.00
07530	Removal of Foreign Body	1.00
07560	Maxillary Sinusotomy	1.00
07610	Maxilla, Open Reduction	1.00
07620	Maxilla, Closed Reduction	1.00
07630	Mandible, Open Reduction	1.00
07640	Mandible, Closed Reduction	1.00
07651	Systemic Compound Fracture	1.00
07650	Facial Bone Fractures	1.00
07651	Other Fracture Reduction	1.00
07711	Maxillary Osteotomy, Total	1.00
07712	Maxillary Osteotomy, Segmental	1.00
07721	Mandibular Osteotomy, Ramus	1.00
07722	Mandibular Osteotomy, Body	1.00
07733	Augmentation, Contouring, Reduction	1.00
07811	Reduction of Dislocation	1.00
07815	Myofascial Pain Dysfunction Treatment	1.00
07833	Mandibular Manipulation	1.00
07843	Temporomandibular Joint Surgery	1.00
07850	Arthrocentesis, Arthrography, Injection	1.00
07950	Prosthodontics	1.00

IX. ORTHODONTICS

Full banded cases (start)	300.00
(finish)	700.00
Partial treatment i.e.,	250.00
Uprighting	
cross bite corrections	
opening spaces	
interceptive orthodontics	

1. NAME OF THE PERSON OR PERSONS

2. ADDRESS
3. CITY
4. STATE

5. OCCUPATION

6. DATE OF BIRTH

7. PLACE OF BIRTH

8. EDUCATION

9. MARITAL STATUS

10. RELIGION

11. RACE

12. SEX

13. HEIGHT

14. WEIGHT

15. HAIR COLOR

16. EYE COLOR

17. SKIN COLOR

18. BLOOD TYPE

19. SOCIAL SECURITY NUMBER

20. DATE OF DEATH

21. PLACE OF DEATH

22. CAUSE OF DEATH

23. MANNER OF DEATH

24. BURIAL PLACE

25. GRAVE NUMBER

26. DATE OF BURIAL

27. NAME OF BURIAL HOME

28. NAME OF FUNERAL HOME

29. NAME OF CEMETERY

30. NAME OF CHURCH

31. NAME OF MINISTERS

32. NAME OF RABBI

33. NAME OF PRIEST

34. NAME OF DEACON

35. NAME OF SINGER

36. NAME OF ORGANIST

37. NAME OF CHORUS

38. NAME OF BAND

39. NAME OF ORCHESTRA

40. NAME OF THEATRE

41. NAME OF CIRCUS

42. NAME OF CARNIVAL

43. NAME OF FAIR

44. NAME OF RODEO

45. NAME OF COUNTRY CLUB

46. NAME OF GOLF COURSE

47. NAME OF TENNIS COURT

48. NAME OF SWIMMING POOL

49. NAME OF BEACH

50. NAME OF HOTEL

51. NAME OF RESTAURANT

52. NAME OF BAR

53. NAME OF DISCO

54. NAME OF NIGHT CLUB

55. NAME OF THEATRE

56. NAME OF CIRCUS

57. NAME OF CARNIVAL

58. NAME OF FAIR

59. NAME OF RODEO

60. NAME OF COUNTRY CLUB

61. NAME OF GOLF COURSE

62. NAME OF TENNIS COURT

63. NAME OF SWIMMING POOL

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